

#### STANDARD PRODUCT CATALOGUE

Vast amount of stock at unbeatable prices



STOCK	Our global knowledge of the valve industry accompanied with our mighty buying power enables us to have a quality product on the shelf at unbeatable prices, with over 90% of our catalogue products being available for same day despatch. We consider ourselves to be the best supplier of industrial valves in the UK.
If you require help in selecting the correct valve for your application, or require additional information on one of our catalogue products, then our experienced team are here to help. We have for your appraisal, technical drawings and full component break of sheets for all the products in our catalogue. Call 01744 762960 to get in contact with our technical team.  We have been very selective in choosing the correct manufacturers to put on our shelves. It is essential that all our products are manufactured to a very high standard and the relevant manufacturers have an approved accreditation system in place. All our products are manufactured in accordance to the relevant standard. Certificates of conformity, material certs and pressure test certs are suffree at no extra cost. Lloyds certification available upon request.	
DESPATCH	On most occasions, orders placed before 4pm can be despatched same day and delivered before 10am the next day and orders placed 1 hour prior can be collected from our works. Our 10,000 square foot warehouse allows us to hold your goods for your required call off.
ACCOUNTS	Setting up an account with Valve Center is easy. Once we have had a completed application form back it only takes minutes to set up an account. If you prefer we can take payment by credit or debit card. To request an account simply call our accounts department on 01744 762962 or email leannewiles@valvecenter.co.uk.











#### **CUSTOMER SATISFACTION IS PARAMOUNT**

Valve Center have been supplying valves, actuators and similar equipment since 1997. Our focus in that "customer satisfaction is paramount" has resulted in our customers returning year after year. This vision has enabled us to grow into the company we are today.

Quality-Our products must be suitable for duty and be manufactured to an excellent standard.

Service-To ensure that we try to go beyond the expected level of service and ensure that our customers are happy that they have used Valve Center.

Price - We aim to supply competitively priced goods whilst maintaining the high level of quality that is expected.

#### **BRANDED STOCK**

In addition to our catalogue product range, we also keep in stock a comprehensive range of well-known manufacturers. We supply many sites where specified manufacturers are only acceptable. It is to our commitment in selecting the correct brands for our shelves that we have framework agreements in place with the country's largest power stations. The branded names we keep in stock include Hattersley, Saunders, Hopkinsons, Spirax Sarco, Norbro, Rotork, and many more. See page IX for the full list of brands we can offer.

#### **EXPERTS AT SOURCING**

While this catalogue has a diverse range of valves, we understand it is impossible to have every valve on the shelf. With this is mind we recognise the importance to be constantly gaining knowledge of the market place.

> So if it's a very large bore size or an exotic material our experienced team will source it for you.

#### **ACTUATION**

Valve Center are experts in actuation and currently have over 1000 actuators available from stock. We are able to offer a huge variety of types and brands of actuator. We can specify the correct actuator for your application and have the facilities to either directly mount onto your valve or via extension spindles or extension pedestals. Quarter turn, multi-turn, open/close or fully modulating applications are all within our standard portfolio.

#### **VALVE REPAIR AND OVERHAUL**

We can repair many types including parallel slide valve, gate and globe valves, ball valves and boiler equipment. Pressure relief valves can be refurbished, re-set, tested and the appropriate certification provided. In most cases refurbishment can be a more cost effective option to buying new but Valve Center can assess your equipment and if a replacement is a more sensible option, we can advise and quote you for a new valve.

#### **ON SITE SERVICES**

Use Valve Center's experience on your site. To help you correctly identify a valve or actuator, one of our trained engineers can be of assistance. We have visited sites all over the UK, allowing our customers to benefit from the peace of mind that when it comes to the installation, things will go as smoothly as possible with minimal down time.

#### **OUR SISTER COMPANY**

International Pumps is a stockist of a wide range of pumps and spare parts. It has distributor agreements in place with many of the leading pump manufacturers. Founded on similar principles to Valve Center, that "customer satisfaction is paramount" combined with importance to invest in stock, makes them your perfect partner for pumps. For a full company overview visit www.internationalpumps.co.uk or call 01744 762942.















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Globe / Cast Steel WCB / Flanged PN16	Knife Gate, Unidirectional / Cast Iron, Stainless Steel Blade / to Suit PN10/16 Flanges / Handwheel
Globe / Cast Steel WCB / Flanged PN16	Knife Gate, Unidirectional / Cast Iron, Stainless Steel Blade / to Suit PNI0/16 Flanges / Handwheel
Globe / Cast Steel WCB / Flanged PN16	Knife Gate, Unidirectional / Cast Iron, Stainless Steel Blade / to Suit PN10/16 Flanges / Handwheel
Globe / Cast Steel WCB / Flanged PN16	Knife Gate, Unidirectional / Cast Iron, Stainless Steel Blade / to Suit PNI0/16 Flanges / Handwheel
Globe / Cast Steel WCB / Flanged PN16	Knife Gate, Unidirectional / Cast Iron, Stainless Steel Blade / to Suit PNI0/16 Flanges / Handwheel
Globe / Cast Steel WCB / Flanged PN16	Knife Gate, Unidirectional / Cast Iron, Stainless Steel Blade / to Suit PN10/16 Flanges / Handwheel
Globe / Cast Steel WCB / Flanged PN16	Knife Gate, Unidirectional / Cast Iron, Stainless Steel Blade / to Suit PN10/16 Flanges / Handwheel
Globe / Cast Steel WCB / Flanged PN16	Knife Gate, Unidirectional / Cast Iron, Stainless Steel Blade / to Suit PN10/16 Flanges / Handwheel
Globe / Cast Steel WCB / Flanged PN16	Knife Gate, Unidirectional / Cast Iron, Stainless Steel Blade / to Suit PN10/16 Flanges / Handwheel
Globe / Cast Steel WCB / Flanged PN16	Knife Gate, Unidirectional / Cast Iron, Stainless Steel Blade / to Suit PN10/16 Flanges / Handwheel
Globe / Cast Steel WCB / Flanged PN16	Knife Gate, Unidirectional / Cast Iron, Stainless Steel Blade / to Suit PNI0/16 Flanges / Handwheel
Globe / Cast Steel WCB / Flanged PN16	Knife Gate, Unidirectional / Cast Iron, Stainless Steel Blade / to Suit PN10/16 Flanges / Handwheel

Swing Check / Brass / Screwed BSP Female / Metal Seat104	Table D/E, JIS 5K/10K
Swing Check / Brass / Screwed BSP Female	Parallel Slide / Cast Steel / Can Be Drilled to Suit PN10/16/25/40, ANSI
Y-Type Check / Brass, Stainless Steel Disc / Screwed BSP Female 105	150/300, Table D/E/F/H, JIS 5K/10K/16K
Vertical Lift Check / Bronze / Screwed BSP Female	Parallel Slide / Cast Steel / Flanged ANSI 150
Swing Check / Bronze / Screwed BSP Female / Metal Seat 105	Parallel Slide / Cast Steel / Flanged ANSI 300
Horizontal Lift Check / Bronze / Screwed BSP Female / PTFE Disc 106	Parallel Slide / Cast Steel WCB / Flanges Can Be Drilled PN10/16/25/40,
Swing Check / Bronze / Screwed BSP Female	ANSI 150/300, Table D/E/F/H, JIS 5K/10K/16K
Horizontal Lift Check / Bronze / Screwed BSP Female	PINCH VALVES
Swing Check / Bronze / Flanged PN16	Socket Pinch / Black Pom / Screwed BSP Female
Wafer Type Spring Check / Bronze / to Suit PN6-PN16 Flanges 1/2"-3",	Socket Pinch / White Pom / Screwed BSP Female
PN10/16 Flanges 4"	Socket Pinch / Aluminum Body / Screwed BSP Female
Spring Check / Stainless Steel / Screwed BSP Female	Pinch / Aluminium / Flanged PN10/16
High Pressure Check / Stainless Steel / Screwed BSP Female 108	PLASTIC VALVES
Swing Type Check / Stainless Steel / Screwed BSP Female108	Air Release Valve / ABS / Plain Sockets
Swing Check / Stainless Steel / Flanged PN16	Double Union Ball Valves / ABS / Plain Sockets
Swing Check / Stainless Steel / Flanged ANSI 150 RF	Check Valve / ABS / Plain Sockets
Swing Type Check, Wafer Type / Stainless Steel / to Suit PN10, PN16,	Air Release Valves / PVCU / Plain Sockets
ANSI I50* Flanges / EPDM	3-Way Ball Valves L-Port / PVCU / Plain Sockets
Spring Type Check, Wafer Type / Stainless Steel / Multi Flange with	Economy Double Union Ball Valve / PVCU / Plain Sockets
Locating Lugs to Suit PNI0, PNI6, ANSI I50* Flanges / NBR	Economy Double Union Ball Valve / BSP Female
Spring Check Wafer Type / Stainless Steel / Wafer Type to Suit	Economy Single Union Ball Valve / PVCU / Plain Sockets129
1/2"-3"PN6/PN40, 4"PN10/40, ANSI 150*	Economy Single Union Ball Valve / PVCU / BSP Female
Dual Plate Check / Stainless Steel / to Suit PN10/16	Economy Single Union Ball Valve / PVCU / BSP Female X BSP Male130
Swing Check / Cast Iron Epoxy Coated / Flanged PN16	Double Union Ball Valve / PVCU / Plain Sockets
Swing Check with Outside Lever and Weight / Cast Iron Epoxy Coated / Flanged PN16III	Double Union Ball Valve / PVCU / BSP Female
Swing Check Bs5153 / Cast Iron Epoxy Coated / Flanged PN16 /	Economy Butterfly Valve / PVCU / Wafer Type to Fit PN10/16 Flanges 135
WRAS ApprovedIII	Industrial Butterfly Valve / PVCU / Wafer Type to Fit PN10/16 Flanges 135
Swing Check Bs5153, Outside Lever & Weight / Cast Iron Epoxy Coated /	Check Valve / PVCU / Plain Sockets
Flanged PN16 / WRAS ApprovedIII	Wafer Check Valve / PVCU / Plain Sockets
Swing Check / Cast Iron Body / Flanged PN16 / DIN3202	Diaphragm Valve / PVCU / Plain Sockets
Swing Type Check / Cast Iron / Can Be Drilled to Suit PN10/16, ANSI	Inline Strainer / PVCU / Plain Sockets
150, Table D/E, JIS 5K/10K	PLUG VALVES
Dual Plate Check / Cast Iron Epoxy Coated / to Suit PN16 Flanges 112	2-Way Plug Cock / Bronze / Screwed BSP Female
Ball Check / Cast Iron Epoxy Coated / Screwed BSP Female	3-Way Plug Cock / Bronze / Screwed BSP Female
Ball Check / Cast Iron Epoxy Coated / Flanged PN10	2-Way Plug Cock / Cast Iron / Flanged PN16
Disc Check / Cast Iron Epoxy Coated / Flanged PN16	3-Way Plug Cock / Cast Iron / Flanged PN16
Wall Mounted Double Hinged Flap / Ductile Iron / Bronze Seat,	Eccentric Plug / Cast Iron / Flanged PN16
PTFE Bushings	PRESSURE CONTROL VALVES
Piston Check / Forged Steel AI05 / Screwed BSP Female	Spring Safety Relief / Brass / Screwed BSP Male
Lift Type Check / Cast Steel / Flanged PN25/40	Safety Relief / Bronze / Screwed BSP Male/Female, NPT Available 145
Swing Check Wafer Type / Carbon Steel, Zinc Plated / to Suit	Spring Safety Relief / Brass/Bronze / Screwed BSP Female
PN10/16 Flanges	Safety Relief / Bronze / Screwed BSP Male/Female
Spring Check Wafer Type / Carbon Steel / Multi Flange with Locating Lugs	Safety Relief / Bronze / Screwed NPT Male/Female
to Suit PN6, PN10, PN16 ANSI 150	Spring Safety Relief / Brass/Bronze / Flanged PN16
Swing Check / Cast Steel WCB / Flanged ANSI I50 RFII5	Proportional Lift Relief / Stainless Steel / Screwed BSP Male X Female 147
PARALLEL SLIDE VALVES	Proportional Lift Relief / Bronze / Screwed BSP Male X Female 148
Parallel Slide / Cast Iron / Can Be Drilled to Suit PN6/10/16, ANSI 150, Table D/E, JIS 5K/10K	High Lift Safety / Bronze / Screwed BSP Male X Female
Parallel Slide / Cast Steel / Can Be Drilled to Suit PN10/16, ANSI 150,	Safety Relief / Stainless Steel / Screwed BSP Male / Female,
raraner since / Cast steer / Carr de Drillen to suit FINTO/16, AINSI 130,	NPT Available

Safety Relief / Stainless Steel / Flanged PN16/25	150 Sight Glass / Cast Iron with Double Glass Inspection Window /
Safety Relief / Stainless Steel / Flanged PN40	
Safety Relief / Stainless Steel / Flanged PN63	
Safety Relief / Stainless Steel / Flanged PN100	
Safety Relief / Stainless Steel / Flanged ANSI 150 RF	Sight Glass / Stainless Steel with Double Glass Inspection Window /
Safety Relief / Stainless Steel / Flanged ANSI 300 RF	Flanged PN16
Safety Relief / Stainless Steel / Flanged ANSI 600 RF	SOLENOID VALVES
Safety Relief / Carbon Steel / Screwed BSP Male / Female,	Solenoid 2/2 Way Normally Closed / Brass / Screwed BSP Female169
NPT Available	Solenoid 2/2 Way Normally Open / Brass / Screwed BSP Female 169
Safety Relief / Carbon Steel / Flanged ANSI I50 RF	Solenoid Valve Normally Closed / Stainless Steel / Screwed BSP 170
Safety Relief / Carbon Steel / Flanged ANSI 300 RF	Solonoid Valvo Normally Open / Stainless Stool / Scrowed BSP 17
Safety Relief / Carbon Steel / Flanged ANSI 600 RF	Colonaid Valva Normally Clased / Stainless Staal / Scrayad NDT 17
Safety Relief / Carbon Steel / Flanged PN40	Solonoid Valvo Normally Open / Stainless Stool / Scrowed NPT 17
Safety Relief / Carbon Steel / Flanged PN63	STRAINERS
Safety Relief / Carbon Steel / Flanged PN100	V Type Strainer / Press / Scrowed PSP Female
	V Type Strainer / Propage / Scrowed PSP Female
Safety Relief / Nodular Iron / Flanged PN16/25	V Type Strainer / Prenze / Flanged PNII/
Pressure Reducing / Brass / Screwed BSP Female Union Ends	Y Type Strainer / Stainless Steel / Screwed BSD Female 17/
Pressure Reducing / Brass Nickel Plated / Screwed BSP Female	V.T. o Strainon / Stainless Stool / Flancad DNII/
Pressure Reducing / Brass / Screwed BSP Female.	Y Typo Strainor / Stainless Stool / Flanged ANISI ISO RE 17/
Pressure Reducing / Brass Nickel Plated / Screwed BSP	V Type Strainer / CC Iron / Screward DCD Female
Pressure Reducing / Brass Nickel Plated / Flanged PN16	V.T. o. Strainon / Cost Stool / Flanged DNDF /40
Pressure Reducing / Gunmetal / Screwed BSP	V.T. o Strainon / Coat Iron / Flored DNI/
Pressure Reducing / Cast Iron / Screwed BSP	
Pressure Reducing / Ductile Iron / Flanged PN16/25	Ball, Full Bore / Stainless Steel / PN16/40 Inlet, Slotted Outlet to Suit
Tressare reducing / Ductile from / Hanged 11(10) 25:	
Automatic Air Vent / Brass / Screwed BSP Female	TANKER VALVES
	158 <b>TANKER VALVES</b> 159 ANSI 150, Table H, PNI6/40
Automatic Air Vent / Brass / Screwed BSP Female	158 TANKER VALVES  ANSI 150, Table H, PN16/40
Automatic Air Vent / Brass / Screwed BSP Female  Double Regulating Fixed orifice / Brass / Screwed BSP Female	TANKER VALVES     159
Automatic Air Vent / Brass / Screwed BSP Female  Double Regulating Fixed orifice / Brass / Screwed BSP Female  Double Regulating Variable orifice / DZR Brass / Screwed BSP Female  Set Test Points and Spare Extensions / Brass (Test Points) and Stainless	TANKER VALVES  ANSI 150, Table H, PN16/40
Automatic Air Vent / Brass / Screwed BSP Female  Double Regulating Fixed orifice / Brass / Screwed BSP Female  Double Regulating Variable orifice / DZR Brass / Screwed BSP Female  Set Test Points and Spare Extensions / Brass (Test Points) and Stainless Steel (Extensions) / Screwed BSP Male.	TANKER VALVES  ANSI 150, Table H, PN16/40
Automatic Air Vent / Brass / Screwed BSP Female  Double Regulating Fixed orifice / Brass / Screwed BSP Female  Double Regulating Variable orifice / DZR Brass / Screwed BSP Female  Set Test Points and Spare Extensions / Brass (Test Points) and Stainless Steel (Extensions) / Screwed BSP Male  Double Regulating Variable orifice / Cast Iron / Flanged PN16	TANKER VALVES  ANSI 150, Table H, PN16/40
Automatic Air Vent / Brass / Screwed BSP Female  Double Regulating Fixed orifice / Brass / Screwed BSP Female  Double Regulating Variable orifice / DZR Brass / Screwed BSP Female  Set Test Points and Spare Extensions / Brass (Test Points) and Stainless Steel (Extensions) / Screwed BSP Male  Double Regulating Variable orifice / Cast Iron / Flanged PN16  Metering Station / Stainless Steel / Wafer Type	TANKER VALVES  ANSI 150, Table H, PN16/40
Automatic Air Vent / Brass / Screwed BSP Female  Double Regulating Fixed orifice / Brass / Screwed BSP Female  Double Regulating Variable orifice / DZR Brass / Screwed BSP Female  Set Test Points and Spare Extensions / Brass (Test Points) and Stainless Steel (Extensions) / Screwed BSP Male  Double Regulating Variable orifice / Cast Iron / Flanged PN16  Metering Station / Stainless Steel / Wafer Type  Air Release, Single Float / Ductile Iron Body / Flanged PN16	TANKER VALVES  ANSI 150, Table H, PN16/40
Automatic Air Vent / Brass / Screwed BSP Female  Double Regulating Fixed orifice / Brass / Screwed BSP Female  Double Regulating Variable orifice / DZR Brass / Screwed BSP Female  Set Test Points and Spare Extensions / Brass (Test Points) and Stainless Steel (Extensions) / Screwed BSP Male  Double Regulating Variable orifice / Cast Iron / Flanged PN16  Metering Station / Stainless Steel / Wafer Type  Air Release, Single Float / Ductile Iron Body / Flanged PN16  Air Release, Double Float / Ductile Iron Body / Flanged PN16	TANKER VALVES  ANSI 150, Table H, PN16/40
Automatic Air Vent / Brass / Screwed BSP Female	TANKER VALVES  ANSI 150, Table H, PN16/40
Automatic Air Vent / Brass / Screwed BSP Female  Double Regulating Fixed orifice / Brass / Screwed BSP Female  Double Regulating Variable orifice / DZR Brass / Screwed BSP Female  Set Test Points and Spare Extensions / Brass (Test Points) and Stainless Steel (Extensions) / Screwed BSP Male  Double Regulating Variable orifice / Cast Iron / Flanged PNI6  Metering Station / Stainless Steel / Wafer Type  Air Release, Single Float / Ductile Iron Body / Flanged PNI6  Air Release, Double Float / Ductile Iron Body / Flanged PNI6  Pressure Vacuum Valve Open Vent / Aluminium, Stainless Steel  Trim / Flanged	TANKER VALVES  ANSI 150, Table H, PN16/40
Automatic Air Vent / Brass / Screwed BSP Female	TANKER VALVES  ANSI 150, Table H, PN16/40
Automatic Air Vent / Brass / Screwed BSP Female  Double Regulating Fixed orifice / Brass / Screwed BSP Female  Double Regulating Variable orifice / DZR Brass / Screwed BSP Female  Set Test Points and Spare Extensions / Brass (Test Points) and Stainless Steel (Extensions) / Screwed BSP Male  Double Regulating Variable orifice / Cast Iron / Flanged PNI6  Metering Station / Stainless Steel / Wafer Type  Air Release, Single Float / Ductile Iron Body / Flanged PNI6  Air Release, Double Float / Ductile Iron Body / Flanged PNI6  Pressure Vacuum Valve Open Vent / Aluminium, Stainless Steel  Trim / Flanged  Pressure Vacuum Valve Open Vent / Carbon Steel, Stainless Steel	ANSI I50, Table H, PNI6/40
Automatic Air Vent / Brass / Screwed BSP Female	ANSI I50, Table H, PNI6/40
Automatic Air Vent / Brass / Screwed BSP Female	TANKER VALVES  ANSI 150, Table H, PN16/40
Automatic Air Vent / Brass / Screwed BSP Female  Double Regulating Fixed orifice / Brass / Screwed BSP Female  Double Regulating Variable orifice / DZR Brass / Screwed BSP Female  Set Test Points and Spare Extensions / Brass (Test Points) and Stainless Steel (Extensions) / Screwed BSP Male  Double Regulating Variable orifice / Cast Iron / Flanged PN16  Metering Station / Stainless Steel / Wafer Type  Air Release, Single Float / Ductile Iron Body / Flanged PN16  Air Release, Double Float / Ductile Iron Body / Flanged PN16  Pressure Vacuum Valve Open Vent / Aluminium, Stainless Steel Trim / Flanged  Pressure Vacuum Valve Open Vent / Carbon Steel, Stainless Steel Trim / Flanged  Pressure Vacuum Valve Open Vent / Stainless Steel, Stainless Steel Trim / Flanged	TANKER VALVES  ANSI 150, Table H, PN16/40
Automatic Air Vent / Brass / Screwed BSP Female	TANKER VALVES  ANSI 150, Table H, PN16/40
Automatic Air Vent / Brass / Screwed BSP Female	ANSI 150, Table H, PN16/40
Automatic Air Vent / Brass / Screwed BSP Female	ANSI 150, Table H, PN16/40
Automatic Air Vent / Brass / Screwed BSP Female	ANSI 150, Table H, PN16/40
Automatic Air Vent / Brass / Screwed BSP Female	ANSI 150, Table H, PNI6/40
Automatic Air Vent / Brass / Screwed BSP Female	ANSI 150, Table H, PNI6/40

#### MEET THE VALVE CENTER TEAM

#### Dean Bowden (Managing Director)

Experience: Owner of Valve Center and has spent all of his working life within the valve industry. Experience ranging from the manufacture, testing and machining of valves through to sales and technical backup.

#### Jason Glover (General Manager)

Experience: Joined Valve Center in 2004 and has over 20 years experience within the petrochemical industry, 17 years dealing with valves and pipework, 11 years specifically within procurement and contracts.

#### Leanne Wiles (Accounts Manager)

Experience: The last 20 years spent working within a managerial position and the last 10 years more specifically as an accounts manager for Valve Center.

Contact: leannewiles@valvecenter.co.uk Direct Number: 01744 762962

#### Vicki Davies (Sales Manager)

Experience: Involved in customer service since 2003 and more specifically, for the last 5 years, Vicki has accrued extensive knowledge of valves and pumps. Contact: vickidavies@valvecenter.co.uk Direct Number: 01744 762967

#### Andrew Harvey (Sales)

Experience: With 7 years experience in the valve industry and involvement in a customer service experience role prior to that, Andrew is highly knowledgeable in this industry.

#### Chris Makin (Sales)

Experience: Chris has worked in sales, customer service and purchasing for almost 14 years and has also gained several relevant qualifications. Contact: chrismakin@valvecenter.co.uk Direct Number: 01744 762949

#### Craig Wood (Sales)

Experience: Has had over 12 years of experience dealing directly with customers, the last 6 of them directly from within the valve and pneumatics industry.

Contact: craigwood@valvecenter.co.uk Direct Number: 01744 762948

#### Colin Ashcroft (Business Development and Customer Service)

Experience: Experience in direct sales and marketing for 2 years. Has been a trade supply specialist for the industrial and commercial sector for a year and has served a 3 year trade apprenticeship.

#### Iain Booth (Business Development And Customer Service)

With over 14 years specifying and selling valves, Iain has extensive product knowledge and knows the importance of providing an excellent level of service to ensure our customers are satisfied and will return time and time again.

#### Marie Cunliffe (Business Development and Customer Service)

Experience: Marie has many years experience dealing with customers and by listening to their comments and suggestions, she has helped improve and provide the service that customers in today's competitive market have come to expect.

#### Ian Costello (Quality Control Goods Inward / Outward)

Experience: lan's valve knowledge was gained from many years of hands on fitting of valves and pipework and this is coupled with his experience in a high volume despatch environment.

#### Craig Atherton (Apprentice)

Craig is also currently carrying out an apprenticeship provided in conjunction with the local chamber of commerce and we feel he too is a valuable addition to the team.

#### James Curran (Apprentice)

James is currently carrying out an apprenticeship provided in conjunction with the local chamber of commerce and we feel he is a valuable addition to the team.

Contact: jamescurran@valvecenter.co.uk Direct Number: 01744 762944

### VALVE, ACTUATOR TYPES AND BRANDS WE OFFER

As you can see from the list below, with our vast knowledge of the valve industry, Valve Center can supply you any valve type that you require from a comprehensive list of manufacturers. We can also offer direct equivalents to all the named brands. Whilst most of our flanged valves are undrilled, this permits us to drill them to your mating pipework, which as a result, you

the customer can benefit from quick delivery times when long manufacturers lead times are unacceptable. At Valve Center we have in our possession most manufacturers data sheets and drawings, including manufacturers who are no longer trading. This allows us to offer direct equivalents without any deviation.

Imi Marston Induchem

**TYPES** Actuators Air Eliminator Valves Air Release Valves Air Relief Valves Air Vent Valve Aluminium Bronze Valves Angle Gate Valves Angle Globe Valve Ap Positioners Api 6A Ball Valves Api 6A Gate Valves
Api 6A Swing Check Valves
Assisted Closure Check
Automatic Air Valves Automatic Recirculation Valve
Back Flow Prevention Valves
Balancing Valves
Ball Disk Check Ball Float Valves
Ball Valve Cartridge
- Type (Nuclear)
Ball Valves Bellows Block & Bleed Valves Blowdown Valve Boiler Vent Valve Bursting Discs Butterfly Cryogenic
Butterfly Disc Seal Butterfly
Butterfly High Performance Butterfly Isolating Butterfly Modulating Butterfly Butterfly Valves Bypass Valves Cable Driven, Valve Cable Driven, Valve
Operators
Cartridge Type (Nuclear)
Cavity Filled Ball Valves
Ceramic Ball Valves
Chainwheel Operators
Chainwheels
Changeover Valves
Check Valves
Chalk Valves Check Valves
Choke Valves
Conduit Gate Valve
Control Valve Butterfly
Control Valves Couplings Cryogenic Valves DBB Valves DBB Valves
De-Superheater Valves
Diaphragm Valve Full Bore
Diaphragm Valves
Divertors
Double Seat Valve Duct Isolator
Eccentric Plug Valve
El Positioners
Electric Actuator
Equilibrium Float Valves
Fieldbus Valves Fire Fighting Valves
Flame Arrestors
Float Valves Flow
Control - Self Acting Flow Control Valves Foot Valves Full Bore Ball Valves - Multi Ported Gas Duct Isolator Gas Regulators
Gate Valves
Gauge Valves

Gauge valves
Gearboxes
Geared Manual Overrides
Globe Valves
High Pressure
- Compact Valves

Hydraulic Actuator Hydraulic Cylinders Hydraulic Power Units Hygenic Fitting Hygienic Valves I To P Convertors

Iris Valve Knife Gate Valves

Lagging Extensions

Hydrant Valves

Level Controllers Lift Check Line Blind Valve Line Blind Valve
Linear Actuators
Lng Valves
Locking Devices
Manifold Valves
Manual & Automated
- Valve Gearboxes
Manual Fail-Safe Springs
Manual Override Gearboxes
Mixing Valve Manual Override Gearbox
Mixing Valve
Mono-Flange Valves
Mounting Kits
Multiported Plug Valve
Needle Valves
Nickel Alloy Valve
Non Return Valves
Nozzle Type Check Valve
Oblique Gate
Oblique Globe
One Piece Ball Valves
Os & Y Globe Valves
Os & Y Gate Valves
Os Sey Gate Valves
Outside Lever & Weight
Swing Check Valves
Oxygen Clean Valves
Oxygen Clean Valves Oxygen Clean Valves
Parallel Slide Gate
Parallel Slide Valves
Penstock Valves
Pinch Valves
Piston Check Piston Valve Plug Valves Pneumatic Actuators Position Transmitters Positioners
Pres Maintaining Valves
Pressure And Vacuum
- Relief Valves Pressure Gauges Pressure Reducing Valves Pressure Regulating Valves Pressure Relief Valves Proximity Switches
Quarter Turn Valves
Quick Closing Valves
Radiator Valves
Reduced Bore Ball Valves Reduced Bore Ball Valves Refractory Lined Butterfly Regulating Valve Regulators Relief Valves Repair Clamps Right Angle Fire Safe Valves Rotary Actuators Safety Valves Sample Valves Sdnr Globe Sdsl Globe Severe Service Valves Sight Glasses Single Seat Valve Smart Positioners
Solenoid Valves
Spring Return Handles
Spring Return Mechanisms
Standard Control Butterfly Steam Traps Stop Valve Storm Valves Straight Globe Strainers Sub Sea Valve SuBSea Gearboxes SuBSea Valves
Surge Relief Valves
Swing Check Switchboxes Tank Valves Tank Valves
Tanker Valves
Temperature Control Valves
Temperature Gauges
Test Valve
Thermal Relief Valves
Thermostatic Valves
Three Piece Ball Valves
Tidal Flap Valve
Top Entry Ball Valves
Trunnion Mounted Ball Valves
Twin Plate Wafer Check Valve

Two Piece Ball Valves Union Bonnet Gate Valves Union Bonnet Globe Valves Vacuum Air/Relief Valve Vacuum Relief Valves Valve Accessories Valve Islands Valve Service And Repairs Valve Stem Extensions And Pedestals Valve Testing And - Repair Facilities Valves Interlocks
Vulcanised Rubbel
- Lined Butterfly
Wafer Ball Valve
Wafer Check Water Check
Wafer Spring Disc Check
Wafer Swing Check
Wafer Twin Plate Check
Wedge Gate Valve
Weir Type Diaphragm Valve
Wellhead Valves WRAS Approved Valves

#### **BRANDS**

Abacus ABB Abco ACS Actol Adanac Adareg
Advanced Component - Technology Advanced Valve AGI Airpel Aker Alco Alcon Alexander Controls Aloyco Amal Amri Amri
Anderson Greenwood
APL
Apollo
Aqua Gas
Ari Armaturen
Armstrong
Asco Joucomatic
Ashcroft
Ashford Controls
Atlantic Atlantic Attwood & Morrill Audco Auld Auma Automax Avid Controls AVK

Awh Badotherm Bailey Barton Batley Baumann Bel Bernard Bestobell Birkett BIS Biwater Blackhall Blakeborough Bonney Forge Bossmatio Bradford Bray Broady Brooksbank Brownall Burbach Buschjost

Caldon Cameron
Captight
Cash Acme
Centerline
Charles Winn Checktite Chemat Circa CMO Colson Conbraco Concentric Consolidated Constaflo Con-Tek Crane Crane Stockham Crosby CRP Dantorque Davis Dayco Delta Demco Depa Descote Dewrance Dezuric Diamond Douglas Chero DPL Dresser Duo-Chek Durco Dynafluid Dynatorque Ebro Ebtrade Eckardt Econosto Elro Emerson Esme Eurocheck Exeeco Fairy Arlon Farris Fasani FCT Fisher Fivalco Flocheck Flowguard Flowseal Flowserve Flow-Tek Fluval FMC Forac Fort Vale Foxboro

Gemu Gestra Gilflo

Girdlestone Glynwed Goodwin Gresswell Grove

Guest And Chrimes

Guest And Chrin Gulde Hancock Hattersley Heap & Partners Helden

Hindle Cockburns

Hopkinsons HS Pipequipment

Herion

ннн

Hindle

HobBS Holmes Honeywell

Hytork IC ICP

Ingersoll Intervalve Introl Invensys Iprism Ipsco lamesbury John Mills Johnson Valves Jordan Controls Keystone Kinetrol Kings Control Kitz Klein Klinger Kortings Koso KSV KTM Landon Kingsway Leeds Valve Leengate Legri Leibfried Leser Lg Valves Linatex Ltd LVF Maga Controls Mars Marston Martonair Marvac Masoneilan Mastergea Maxseal Mead Metso Midland Miller Dennis Nabic Neotecha Norgren Northvale Korting Norval Noz-Chek Nuflo Ogden Oliver Valves Omal Omb Omnitron Opperman Orbinox Orbit Orseal Orton Pacific Pakscan Paladon **Palmstierans** Parker Pegler
Pekos
Pepperl And Fuchs
Peter Paul
Peter Smith

Petreco Plenty PMV

Posi-Seal Pro-Gear Pro-Kits Pro Qui P Quifer Red Hat Reiss Remote Control Revo Rhodes Ringo Roban Rotolok Rotork Saint Gobain Sapag Sarasin Saturn Saunders Score Seetru Severn Shafer Shipham Sicca Siemens Sifam Simtrol Sipos Solent & Pratt Sperryn Spiraflo Spiratec Spirax Sarco Sris Taffa Standfast Stockham Taylor Shaw Texsteam Thompson Tom Wheatley Tomoe Trelleborg Triangle Truflo TT Valves Tyco UCC Uni-Chek Valpes Valtac Valtek Valvtron Vanessa Varec Velan Vigilant Viking Johnson Voss Wade Warren Morrison Wask Weir Wemco Westlock Wheatley Whessoe Winn WKM Worcester Wouter Witzel Xomox Young And Cunningham Zimmerman Zwicky

Pneucon

#### **ACTUATORS**

Valve Center are experts in actuation and currently have over 1000 actuators available from stock. We are able to offer a huge variety of types and brands of actuator. We can specify the correct actuator for your application and have the facilities to either directly mount onto your valve or via extension spindles or extension pedestals. Quarter turn, multi-turn, open/close or fully modulating applications are all within our standard portfolio.

#### Supply

Valve Center are able to supply a huge range of actuators, switchboxes, position indicators, gearboxes, mounting kits, locking levers, spring return levers, chain wheels, interlocks and extension spindles to suit your requirements. Mounting kits and drive bushes can also be manufactured to suit specific requirements.

#### **Types**

Pneumatic, electric and hydraulic actuators are normal stock for Valve Center along with a huge range of mounting kits and gear boxes for multi-turn actuation or manual applications.

Atex compliant electric and pneumatic actuators, switchboxes, solenoids and position indicators are held in stock. As well as the

standard double acting and spring return pneumatic and hydraulic actuators, we also are able to supply true spring return electric actuators and electric actuators with battery backup.

#### **Assembly**

We have the facilities to directly mount actuators, ancillaries and gearboxes to valves. We also have facilities to manufacture mounting kits, drive bushes and extension spindles for below ground applications. All of this can be done in any material and on short time scales.

#### **Testing**

Once valves and actuators are assembled it is standard procedure to test them to ensure they fully open and close and that any switches and position indicators perform as they should.

#### **Brands**

We can supply any brand of actuator and listed below is a list of the more common names we offer. We can also offer direct equivalents to many of these makes.

ABB George Fischer Actol GF Actreg Greatork Air Torque Gruner Airtecnics Habonim Alltorg Hansen Corporation Arca Hoerbiger Ari Armaturen Hoke Honeywell Asahi/Amrica Hytork Auma **IMG AWH** Indelac Controls Az Armaturen Interapp Becker ITT RFF J+J Belimo Jamesbury Bernard John-Valve **Bettis KCT** Bian Kempster Engineering **Bray Controls** Keystone Kieback&Peter Burkert Clark Kinetrol Clorius KSB Conbraco KZ Valve Copes-Vulcan Masoneilan **Damcos** Maximator **Danfoss** Meca-inox DVC Metso Automation Ebro Armaturen Micatone Moog Eckart Elodrive Netherlocks El-O-Matic Nibco

Norbro

Nordson

Numatics

Oden Control AB

Nutork

Omal

Elram Elster

Field Q

Flowserve Gemu

Fisher

**Promation Engineering** Raco Regada Richter RoPo Automation Rotork **RTK** Safi Sanzhou Sauer Danfoss Schisher Schneider Shafer Siemens Sinpous Sipos Aktorik Socla Somas Spartan Sun Yeh TA-Roloff **Tech-Valves** Tomoe Top Line Tork Trend Tyco Unipower **Valpes** Valtork

Ozbekoglu

Petras

Prisma



## valve repair, test & certification

As well as supplying an enormous range of valves and related equipment, did you know that Valve Center offer a valve overhaul and testing service?

We can repair many types including parallel slide valve, gate and globe valves, ball valves and boiler equipment. Pressure relief valves can be refurbished, reset and tested and the appropriate certification provided.

In most cases refurbishment can be a more cost effective option to buying new but Valve Center can assess your equipment and if a replacement is a more sensible option, we can advise and quote you for a new valve. Visit www.valvecenter.co.uk for more information on this and other services we offer. Alternatively, contact the office on 0844 69 333 49 or by email to sales@valvecenter.co.uk

**On-site service:** If you have a valve on-site that you need to replace and cannot identify specific details, we are able to provide an on-site service to properly identify what you require and then provide a like-for-like replacement without any need to modify your pipework.

**Emergency contact number:** We can be contacted out of our normal working hours, 365 days a year. If it's to access our stock, assistance on site or technical support, call 07860 947511.





## **GENERAL TERMS**

Colours and designs may vary from the items shown in the catalogue.

Full Valve Center Limited terms and conditions apply, in addition to the specific terms detailed below.

#### **Pricing**

All prices shown are list prices in GBP and may be subject to a discount. Prices are based on stock availability and carriage charges and VAT are additional to the prices shown. Goods will be charged at rates in force on the date of despatch. We reserve the right to change our prices within the catalogue or on quotations at any time without prior notice.

#### Delivery

Delivery charges will be based upon the size and weight of packed goods and the geographical location of the delivery address. Generally, delivery to the  $\ensuremath{\mathsf{UK}}$  mainland is charged at the rates below with the exception of inner London, deliveries to Ireland, Scotland and its islands. Overseas will be priced separately. Please contact the office to enquire.

Total consignment weight up to 25kg at £12.50 Total consignment weight up to 250kg at £45.00

#### Losses or damages

Shortages or damages should be reported to Valve Center in writing within 5 working days of the receipt of goods or in the case of losses, the delivery date detailed on the Valve Center order acknowledgement.

#### Cancellations or returns

If you wish to cancel any order, please contact the office immediately. Orders will be acted upon as quickly as possible and we reserve the right to charge a cancellation fee should work already be carried out. In the event of a return, written confirmation must be obtained from Valve Center prior to returning any goods. Goods must be returned at the customers expense and a restocking fee will be applied by Valve Center. Valve Center will not credit or refund orders if delivery of goods are refused or goods are returned without prior confirmation.

#### **Payment**

Valve Center standard payment terms for account holders are 30 days nett payment from the end of the month. In order to open an account, please contact the office.

Payment can also be made by credit / debit card.



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Customer service is paramount, but don't just take our word for it

"I've been dealing with Valve Center since 1998.
I can honestly say that over the years I have found them to be a very reliable company. When ever I have a valve enquiry I have found them to be knowledgeable and helpful. I would have no problems in recommending Valve Center to anyone in the industry."—Carl, British Nuclear Fuels (B.N.F.L.).





# BALL FLOAT VALVES

Float Valve, High Pressure / Brass / Screwed BSP	Float Valve, Straight / Cast Iron / Flanged PN164
Equilibrium Float Valve / Gunmetal / Screwed BSP3-4	Float Valve, Straight Pattern / Gunmetal / Flanged PN165
Float Valve / Stainless Steel / Screwed BSP Male	Float Valve, Straight Pattern / Gunmetal / Flanged Table D



## **BALL FLOAT VALVES**

#### FLOAT VALVE, HIGH PRESSURE / BRASS / SCREWED BSP

**VC284** 



SIZE	PRICE	ARM LENGTH MM	WEIGHT KG	FLOAT SIZE
1/2"	£12.11	220	0.39	4 1/2"
3/4"	£47.31	325	0.9	6"
["	£132.42	400	1.93	8"
/4"	£299.93	565	4.33	10"
1 1/2"	£331.25	565	4.4	10"
2"	£491.04	725	7.99	12"

Please call the sales team for your discount on this product

VALVE TYPE	Float Valve, High Pressure
BODY MATERIAL	Brass
END CONNECTION	Screwed BSP
OPERATION	Plastic Float
OTHER	WRAS Approved

Full specification sheet available on request

#### FLOAT VALVE, HIGH PRESSURE / BRASS / SCREWED BSP

VC285



SIZE	PRICE	ARM LENGTH MM	WEIGHT KG	FLOAT SIZE
1/2"	£30.78	220	0.39	4 1/2"
3/4"	£71.57	325	0.9	6"
Ι"	£152.57	400	1.93	8"
/4"	£314.82	565	4.33	10"
1 1/2"	£346.14	565	4.4	10"
2"	£516.81	725	799	12"

Please call the sales team for your discount on this product

VALVE TYPE	Float Valve, High Pressure
BODY MATERIAL	Brass
END CONNECTION	Screwed BSP
OPERATION	Copper Float
OTHER	WRAS Approved

Full specification sheet available on request

#### EQUILIBRIUM FLOAT VALVE / GUNMETAL / PLASTIC FLOAT / BSP

**VC286** 



SIZE	PRICE	ARM LENGTH MM	WEIGHT KG	FLOAT SIZE
["	£226.13	252	1.63	8"
/4"	£448.50	270	3.4	10"
1 1/2"	£468.03	270	3.64	10"
2"	£780.08	278	5.98	12"

Please call the sales team for your discount on this product

VALVE TYPE	Equilibrium Float Valve
BODY MATERIAL	Gunmetal
END CONNECTION	Screwed BSP
OPERATION	Plastic Float
OTHER	WRAS Approved



#### EQUILIBRIUM FLOAT VALVE / GUNMETAL / COPPER FLOAT / BSP

**VC287** 



SIZE	PRICE	ARM LENGTH MM	WEIGHT KG	FLOAT SIZE
Ι"	£246.27	252	1.63	8"
1 1/4"	£463.40	270	3.4	10"
I I/2"	£482.93	270	3.64	10"
2"	£805.85	278	5.98	12"
2 1/2"	£925.94	475	6.18	12"
3"	£1,525.34	500	8.8	14"
4"	£1,977.09	525	12.2	15"
6"	£3,931.91	575	24.5	16"

Please call the sales team for your discount on this product

VALVE TYPE	Equilibrium Float Valve
BODY MATERIAL	Gunmetal
END CONNECTION	Screwed BSP
OPERATION	Copper Float
OTHER	WRAS Approved

Full specification sheet available on request

#### FLOAT VALVE / STAINLESS STEEL / SCREWED BSP MALE

**VC288** 



SIZE	PRICE	ARM LENGTH MM	WEIGHT KG
1/2"	£330.65	410	0.07
3/4"	£420.17	500	1
["	£496.95	580	1.3
/4"	£531.23	580	1.8
1 1/2"	£842.99	620	2.8
2"	£967.43	720	3.4

Please call the sales team for your discount on this product

VALVE TYPE	Float Valve
BODY MATERIAL	Stainless Steel
END CONNECTION	Screwed BSP Male
RATED	IO Bar
OPERATION	Stainless Steel Float

Full specification sheet available on request

#### FLOAT VALVE, STRAIGHT / CAST IRON / FLANGED PN16

**VC289** 



SIZE	PRICE	ARM LENGTH MM	WEIGHT KG
2"	£1,067.86	230	15.3
2 1/2"	£1,237.95	290	25.2
3"	£1,452.15	310	32.9
4"	£2,063.25	350	50.5
5"	£2,698.05	400	78
6"	£3,388.50	480	104
8"	£6,045.00	600	174

Please call the sales team for your discount on this product

VALVE TYPE	Float Valve, Straight. Angle pattern available, please enquire
BODY MATERIAL	Cast Iron
END CONNECTION	Flanged PN16, we also keep this item undrilled
SEAT/SEAL	EPDM
RATED	10 Bar
OPERATION	Complete with Float

## BALL FLOAT VALVES

#### FLOAT VALVE, STRAIGHT PATTERN / GUNMETAL / FLANGED PN16





SIZE	PRICE	ARM LENGTH MM	WEIGHT KG
3/4"	£196.65	330	On Request
Ι"	£264.95	406	On Request
1 1/4"	£311.73	432	On Request
I I/2"	£413.18	457	On Request
2"	£750.18	483	On Request
2 1/2"	£1,405.03	508	On Request
3"	£1,971.43	533	On Request
4"	£2,974.25	584	On Request

Please call the sales team for your discount on this product

VALVE TYPE	Float Valve, Straight Pattern
BODY MATERIAL	Gunmetal
END CONNECTION	PN16
SEAT/SEAL	Rubber
RATED	5 Bar
OPERATION	Complete with Copper Float
OTHER	Full Bore

Full specification sheet available on request

#### FLOAT VALVE, STRAIGHT PATTERN / GUNMETAL / FLANGED TABLE D

#### VC401



SIZE	PRICE	ARM LENGTH MM	WEIGHT KG
2 1/2"	£1,035.95	483	On Request
3"	£1,617.38	508	On Request
4"	£2,290.15	533	On Request
6"	£3,838.55	584	On Request

Please call the sales team for your discount on this product

VALVE TYPE	Float Valve, Straight Pattern
BODY MATERIAL	Gunmetal
END CONNECTION	Table D
SEAT/SEAL	Rubber
RATED	10 Bar
OPERATION	Complete with Copper Float
OTHER	Full Bore

Full specification sheet available on request



Ball Float Valves3	Ball, Full Bore, 210 Bar / Carbon Steel A105, Stainless Steel Trim /	
Float Valve, High Pressure / Brass / Screwed BSP	Screwed BSP	
Equilibrium Float Valve / Gunmetal / Plastic Float / BSP	Ball, Full Bore, -20 to +210 Deg C / Carbon Steel A105, Stainless Steel T	rir
Equilibrium Float Valve / Gunmetal / Copper Float / BSP	/ Screwed BSP	22
Float Valve / Stainless Steel / Screwed BSP Male4	Ball, 3-Piece, -20 to +175 Deg C / Carbon Steel, Stainless Steel Trim /	
Float Valve, Straight / Cast Iron / Flanged PN16	Screwed BSP	22
Float Valve, Straight Pattern / Gunmetal / Flanged PN165	Ball, Wafer Pattern / Carbon Steel, Brass Ball / Flanged PN16	
Float Valve, Straight Pattern / Gunmetal / Flanged Table D	Ball, Wafer Pattern / Carbon Steel, Stainless Steel Ball / Flanged PN16.	
Ball Valves	Ball, Wafer Pattern / Carbon Steel, Stainless Steel Ball / Flanged	
Ball, Full Bore / Brass Nickel Plated / Screwed BSP Female	ANSI 150	23
Ball, Full Bore / Brass Nickel Plated / Screwed NPT Female	Ball, Wafer Pattern / Carbon Steel, Stainless Steel Ball / Flanged PN40	
Ball, Full Bore / Brass Nickel Plated / Screwed BSP Male/Female	Ball, Full Bore / Carbon Steel / Flanged PN16	
Ball, Full Bore / Brass Nickel Plated / Screwed BSP Male/Male8	Ball, Full Bore / Carbon Steel / Flanged PN40	
Ball / Brass Nickel Plated / BSP Female / Butterfly Handle	Ball, Full Bore / Carbon Steel / Flanged ANSI 150	
Ball, Full Bore / Brass Nickel Plated / BSP Male/Female /	Ball, Full Bore / Carbon Steel / Flanged ANSI 300	
Butterfly Handle	3-Way Ball / Cast Steel WCB / Flanged ANSI I50	25
Ball, Full Bore / Brass Nickel Plated / BSP Male/Male / Butterfly Handle 9	Pneumatic Actuated Ball / Brass Nickel Plated / BSP Female /	
3-Way Ball, Reduced Bore / Brass Nickel Plated / Screwed BSP Female .9	Double Acting	25
Ball / Brass Nickel Plated / BSP Female / ISO Pad9	Pneumatic Actuated Ball / Brass Nickel Plated / BSP Female /	
Ball, 3-Way, Red Bore / Brass Nickel Plated / BSP Female / ISO Pad 10	Spring Return	26
Ball, Full Bore / Brass Nickel Plated / BSP Female / Gas Approved 10	Electric Actuated Ball / Brass Nickel Plated / Screwed BSP Female	26
Ball, Full Bore / Brass Nickel Plated / BSP Female / Gas &	Pneumatic Actuated Ball 3-Way / Brass Nickel Plated / BSP Female /	
WRAS Approved	Double Acting	26
Ball, Full Bore / Brass Nickel Plated / BSP Female / Gas &	Pneumatic Actuated Ball 3-Way / Brass Nickel Plated / BSP Female /	
WRAS ApprovedII	Spring Return	27
Ball, Full Bore / Brass Nickel Plated / BSP Female / Lockable	Pneumatic Actuated Ball / Stainless Steel / BSP Female /	
Ball, Full Bore / Brass Nickel Plated / BSP Male/Female / Gas &	Double Acting	27
WRAS ApprovedII	Pneumatic Actuated Ball / Stainless Steel / BSP Female / Spring Return	
Ball Full Bore / Brass Nickel Plated / BSP Male / Gas & WRAS Approved 12	Electric Actuated Ball 3-Piece / Stainless Steel / Screwed BSP Female	
Ball, Full Bore / Brass Nickel Plated / BSP Male/Female / Butterfly Handle,	Pneumatic Actuated Ball 3-Way / Stainless Steel / BSP Female /	20
Gas & WRAS		20
	Double Acting	20
Ball, Full Bore, 2-Piece / Bronze, S/S Ball / Screwed BSP Female 12	Pneumatic Actuated Ball 3-Way / Stainless Steel / BSP Female /	20
Ball, Full Bore, 2-Piece / Bronze, S/S Ball / Screwed NPT Female13	Spring Return	28
Ball, 2-Piece, Full Bore / Bronze, Chromed Brass Ball / Screwed BSP 13	Pneumatic Actuated Ball / Stainless Steel / Flanged PN16 /	
Ball, 2-Piece, Full Bore / Bronze, Stainless Steel Ball and Stem /	8	. 29
Flanged PN1613	Pneumatic Actuated Ball / Stainless Steel / Flanged PN16 /	
Ball, I-Piece, Reduced Bore / Stainless Steel / Screwed BSP	Spring Return	29
Ball, 2-Piece, Full Bore / Stainless Steel / Screwed BSP	Pneumatic Actuated Ball / Stainless Steel / Flanged ANSI 150 /	
Ball, 2-Piece, Full Bore / Stainless Steel / Screwed NPT14	Double Acting	29
Ball, 2-Piece, Full Body / Stainless Steel / Screwed BSP Male / Female 15	Pneumatic Actuated Ball / Stainless Steel / Flanged ANSI 150 /	
Ball, 3-Piece, Full Bore / Stainless Steel / Screwed BSP15	Spring Return	30
Ball, 3-Piece, Full Bore / Stainless Steel / Socket Weld15	Electric Actuated Ball / Stainless Steel / Flanged PN16	
Ball, 3-Piece, Full Bore / Stainless Steel / Butt Weld16	Electric Actuated Ball / Stainless Steel / Flanged ANSI 150	
Ball, 3-Way, Reduced Bore / Stainless Steel / Screwed BSP16	Pneumatic Actuated Ball 3-Way / Stainless Steel / Flanged PN16 /	
Ball, 3-Piece, Full Bore, Bareshaft / Stainless Steel / BSP / ISO Pad 16	Double Acting	31
Ball, 2-Piece, Full Bore / Stainless Steel / BSP / Spring Close Lever 17	Pneumatic Actuated Ball 3-Way / Stainless Steel / Flanged PN16 /	
Ball, Full Bore, 210 Bar / Stainless Steel / Screwed BSP	Spring Return	31
Ball, Full Bore, -20 to +210 Deg C / Stainless Steel / Screwed BSP 17	Electric Actuated Ball 3-Way / Stainless Steel / Flanged PN16,	51
Ball, 3-Piece, Full Bore, -20 to +175 Deg C / Stainless Steel / BSP / NPT /	ANSI 150 Available	21
		31
Socket Weld	Pneumatic Actuated Ball 3-Way / Cast Iron, S/S Ball / Flanged PN16 /	20
Ball, Wafer, Full Bore, -20 to +210 Deg C / Stainless Steel / PN16 or	Double Acting	32
ANSI 150	Pneumatic Actuated Ball 3-Way / Cast Iron, S/S Ball / Flanged PN16 /	
Ball, Full Bore, 2-Piece / Stainless Steel / Flanged PN16	Spring Return.	
Ball, Full Bore, 2-Piece Direct Mount / Stainless Steel / Flanged PN16 19	Electric Actuated Ball 3-Way / Cast Iron, S/S Ball / Flanged PN16	32
Ball, Full Bore, 2-Piece / Stainless Steel / Flanged ANSI 15019	Pneumatic Actuated Ball / Cast Iron, Chrome Ball / Flanged PN16 /	
Ball, 3-Way / Stainless Steel / Flanged PN16	Double Acting	33
Ball, 3-Way / Stainless Steel / Flanged ANSI 15020	Pneumatic Actuated Ball / Cast Iron, Chrome Ball / Flanged PN16 /	
Ball, Wafer / Cast Iron, S/S Ball / Flanged PN1620	Spring Return	33
Ball / Ductile Iron, Chromed Ball / Flanged PN1620	Electric Actuated Ball / Cast Iron, Chrome Ball / Flanged PN16	
Ball / Ductile Iron, S/S Ball / Flanged PN16	Electric Actuated Ball / Cast Iron, S/S Ball / Flanged PN16	
Ball 3 Way / Cast Iron S/S Ball / Flanged PNII6		

#### BALL, FULL BORE / BRASS NICKEL PLATED / SCREWED BSP FEMALE

VCI



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/4"	£5.30	42	0.1
3/8"	£5.82	44	0.12
1/2"	£5.11	48	0.14
3/4"	£7.74	58	0.25
Ι"	£11.08	69	0.39
/4"	£17.29	80	0.6
1 1/2"	£24.18	91	0.81
2"	£37.51	108	1.35
2 1/2"	£78.36	130	2.21
3"	£115.47	150	3.56
4"	£226.80	182	5.9

Please call the sales team for your discount on this product

VALVE TYPE	Ball, Full Bore
BODY MATERIAL	Brass Nickel Plated
END CONNECTION	Screwed BSP Female
SEAT/SEALS	PTFE
RATING	1/4"-1/2"PN40, 3/4"-1"PN32, 1 1/4"-2 1/2"PN25, 3"-4"PN16
OPERATION	Lever
OTHER	WRAS Approved

Full specification sheet available on request

#### BALL, FULL BORE / BRASS NICKEL PLATED / SCREWED NPT FEMALE

VC3



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/4"	£7.60	45	0.14
3/8"	£7.60	45	0.14
1/2"	£8.07	60	0.19
3/4"	£11.88	67	0.4
"	£16.57	80	0.58
1 1/2"	£38.04	98	1.42
2"	£55.32	112	2.18
3"	£233.04	171	3.4
4"	£388.68	206	8.84

Please call the sales team for your discount on this product

VALVE TYPE	Ball, Full Bore
BODY MATERIAL	Brass Nickel Plated
END CONNECTION	Screwed NPT Female
SEAT/SEALS	PTFE
RATED	PN40
OPERATION	Lever
OTHER	WRAS Approved
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Full specification sheet available on request

#### BALL, FULL BORE / BRASS NICKEL PLATED / SCREWED BSP MALE/FEMALE

VC4



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/4"	£6.69	45	0.1
3/8"	£7.26	48	0.12
1/2"	£6.75	55	0.14
3/4"	£10.20	65	0.25
Ι"	£14.51	77	0.39
/4"	£23.48	87	0.6
1 1/2"	£33.33	101	0.81
2"	£50.94	117	1.35
2 1/2"	£109.62	136	2.21
3"	£163.71	157	3.56
4"	£279.30	189	5.9

Please call the sales team for your discount on this product

VALVE TYPE	Ball, Full Bore
BODY MATERIAL	Brass Nickel Plated
END CONNECTION	Screwed BSP Male/Female
SEAT/SEALS	PTFE
RATED	1/4"-1/2"PN40, 3/4"-1"PN32, 1 1/4"-2 1/2"PN25, 3"-4"PN16
OPERATION	Lever
OTHER	WRAS Approved

Full specification sheet available on request



#### BALL, FULL BORE / BRASS NICKEL PLATED / SCREWED BSP MALE/MALE

VC12



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£10.56	71	0.23
3/4"	£16.04	82	0.35
["	£23.82	98	0.59
1 1/4"	£39.00	108	0.94
I I/2"	£55.04	122	1.17
2"	£84.80	146	1.87

Please call the sales team for your discount on this product

VALVE TYPE
BODY MATERIAL
END CONNECTION
SEAT/SEALS
RATED
OPERATION
OTLIER

Ball, Full Bore Brass Nickel Plated Screwed BSP Male/Male PTFE I/2"PN64, 3/4"-2"PN40

Lever

OTHER WRAS Approved Full specification sheet available on request

#### BALL / BRASS NICKEL PLATED / BSP FEMALE / BUTTERFLY HANDLE

VC



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/4"	£5.29	38	0.1
3/8"	£9.70	42	0.12
1/2"	£5.11	48	0.14
3/4"	£7.74	57	0.25
Ι"	£11.08	69	0.39

Please call the sales team for your discount on this product

VALVE TYPE	Ball
BODY MATERIAL	Brass Nickel Plated
END CONNECTION	Screwed BSP Female
SEAT/SEALS	PTFE
RATING	I/4"-I/2"PN40, 3/4"-I"PN32
OPERATION	Butterfly Handle
OTHER	WRAS Approved

Full specification sheet available on request

#### BALL, FULL BORE / BRASS NICKEL PLATED / BSP MALE/FEMALE / BUTTERFLY HANDLE

VC!



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/4"	£6.75	45	0.1
3/8"	£7.26	48	0.12
1/2"	£6.75	55	0.14
3/4"	£10.20	65	0.25
["	£14.51	77	0.39

Please call the sales team for your discount on this product

VALVE TYPE	Ball, Full Bore
BODY MATERIAL	Brass Nickel Plated
END CONNECTION	Screwed BSP Male/Female
SEAT/SEALS	PTFE
RATED	I/4"- I/2"PN40, 3/4"- I"PN32
OPERATION	Butterfly Handle
OTHER	WRAS Approved
F. II	

#### BALL, FULL BORE / BRASS NICKEL PLATED / BSP MALE/MALE / BUTTERFLY HANDLE

VCI3



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£10.56	71	0.23
3/4"	£16.04	82	0.35
["	£23.82	98	0.59

Please call the sales team for your discount on this product

VALVE TYPE	Ball, Full Bore	
BODY MATERIAL	Brass Nickel Plated	
END CONNECTION	Screwed BSP Male/Male	
SEAT/SEALS	PTFE	
RATED	1/2"PN64, 3/4"-1"PN40	
OPERATION	Butterfly Handle	
OTHER	WRAS Approved	

Full specification sheet available on request

#### 3-WAY BALL, REDUCED BORE / BRASS NICKEL PLATED / SCREWED BSP FEMALE

#### VCII



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/4"	£43.40	77	0.74
3/8"	£43.40	77	0.68
1/2"	£43.40	77	0.67
3/4"	£65.93	92	1.13
["	£93.81	104	1.7
/4"	£137.00	118	2.3
1 1/2"	£204.17	138	3.7
2"	£306.27	162	6
2 1/2"	£450.32	194	6.8
3"	£575.64	202	7.2
1 1/2" 2" 2 1/2"	£204.17 £306.27 £450.32	138 162 194	3.7 6 6.8

Please call the sales team for your discount on this product

VALVE TYPE	3-way Ball, Reduced Bore	
BODY MATERIAL	Brass Nickel Plated	
END CONNECTION	Screwed BSP Female	
SEAT/SEALS	PTFE	
RATED	PN40	
OPERATION	Lever	
OTHER	L or T port available	

Full specification sheet available on request

#### BALL / BRASS NICKEL PLATED / BSP FEMALE / ISO PAD

#### VCI4



SIZE	PRICE	LENGTH MM	WEIGHT KG	TORQUE
1/4"	£18.66	46	0.25	4 NM
3/8"	£18.66	46	0.24	4 NM
1/2"	£18.84	59	0.29	4.24 NM
3/4"	£24.81	69	0.43	4.8 NM
Ι"	£34.74	83	0.69	8 NM
1 1/4"	£56.00	94	1.02	11.5 NM
I I/2"	£74.54	102	1.35	18 NM
2"	£111.36	124	2.15	22 NM
2 1/2"	£295.32	141	3.4	30 NM
3"	£372.92	159	5.3	30 NM
4"	£661.20	193	8.15	36 NM

Please call the sales team for your discount on this product

VALVE TYPE	Ball
BODY MATERIAL	Brass Nickel Plated
END CONNECTION	Screwed BSP Female
SEAT/SEALS	PTFE
OPERATION	Direct Mount ISO Connection
OTHER	WRAS Approved



#### BALL, 3-WAY, RED BORE / BRASS NICKEL PLATED / BSP FEMALE / ISO PAD

VCI5



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£89.66	82	0.7
3/4"	£99.54	90	1.13
Ι"	£122.78	106	1.7
/4"	£162.00	120	2.3
1 1/2"	£273.38	142	3.7
2"	£362.87	165	6
2 1/2"	£741.63	194	6.8

Please call the sales team for your discount on this product

VALVE TYPE	Ball, 3-way, Red Bore
BODY MATERIAL	Brass Nickel Plated
END CONNECTION	Screwed BSP Female
SEAT/SEALS	PTFE
OPERATION	Direct Mount ISO Connection
OTHER	L and T Port available

Full specification sheet available on request

#### BALL, FULL BORE / BRASS NICKEL PLATED / BSP FEMALE / GAS APPROVED

#### VC16



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/4"	£12.54	50	0.21
3/8"	£12.54	60	0.21
1/2"	£15.44	75	0.33
3/4"	£22.29	80	0.5
Ι"	£30.47	90	0.84
/4"	£44.00	110	1.2
1 1/2"	£57.68	120	1.64
2"	£91.05	140	2.67

Please call the sales team for your discount on this product

VALVE TYPE	Ball, Full Bore	
BODY MATERIAL	Brass Nickel Plated	
END CONNECTION	Screwed BSP Female	
SEAT/SEALS	PTFE	
OPERATION	Locking Lever, (Padlock Not Included)	
OTHER	Gas Approved	

Full specification sheet available on request

#### BALL, FULL BORE / BRASS NICKEL PLATED / BSP FEMALE / GAS & WRAS APPROVED

VC



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£4.73	57	0.16
3/4"	£7.13	65	0.27
1"	£10.25	79	0.41
/4"	£16.00	89	0.62
1 1/2"	£23.70	98	0.87
2"	£35.45	120	1.5
2 1/2"	£78.36	126	2.03
3"	£115.47	147	3.72
4"	£226.80	177	5.98

Please call the sales team for your discount on this product

Ball, Full Bore
Brass Nickel Plated
Screwed BSP Female
PTFE
I/2"PN40, 3/4"- "PN32,   I/4"-2 I/2"PN25, 3"-4"PN16
Yellow Lever
British Gas and WRAS Approved

#### BALL, FULL BORE / BRASS NICKEL PLATED / BSP FEMALE / GAS & WRAS APPROVED

VC7



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/4"	£5.13	45	0.13
3/8"	£5.13	45	0.13
1/2"	£5.61	59	0.24
3/4"	£8.42	69	0.36
["	£12.11	83	0.55
1 1/4"	£20.00	94	0.88
I I/2"	£28.20	102	1.16
2"	£42.27	124	1.8
2 1/2"	£103.25	148	3.92
3"	£148.92	171	5.21
4"	£265.26	206	8.24

Please call the sales team for your discount on this product

VALVE TYPE	Ball, Full Bore
BODY MATERIAL	Brass Nickel Plated
END CONNECTION	Screwed BSP Female
SEAT/SEALS	PTFE
RATED	I/4"-1/2"PN64, 3/4"-2 I/2"PN40, 3"PN32, 4"PN25
OPERATION	Yellow Lever

Full specification sheet available on request

#### BALL, FULL BORE / BRASS NICKEL PLATED / BSP FEMALE / LOCKABLE

British Gas and WRAS Approved

VCI



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/4"	£9.65	52	0.18
3/8"	£9.65	52	0.17
1/2"	£10.86	59	0.21
3/4"	£15.03	67	0.36
Ι"	£19.52	82	0.5
/4"	£30.00	94	0.78
1 1/2"	£35.97	103	1.02
2"	£52.08	123	1.68
2 1/2"	£156.50	146	3.4
3"	£215.43	170	5.4
4"	£331.98	206	8.3

Please call the sales team for your discount on this product

VALVE TYPE	Ball, Full Bore
BODY MATERIAL	Brass Nickel Plated
END CONNECTION	Screwed BSP Female
SEAT/SEALS	PTFE
OPERATION	Yellow Locking Lever
OTHER	Padlock Not Included

Full specification sheet available on request

#### BALL, FULL BORE / BRASS NICKEL PLATED / BSP MALE/FEMALE / GAS & WRAS APPROVED

VC9



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£6.90	66	0.23
3/4"	£10.13	76	0.37
1"	£15.92	91	0.59
/4"	£27.00	101	0.91
1 1/2"	£35.84	113	1.18
2"	£56.60	134	1.88
2 1/2"	£161.09	164	3.61
3"	£219.87	187	4.85
4"	£384.59	221	7.94

Please call the sales team for your discount on this product

VALVE TYPE	Ball, Full Bore
BODY MATERIAL	Brass Nickel Plated
END CONNECTION	Screwed BSP Male/Female
SEAT/SEALS	PTFE
RATED	I/4"-I/2"PN64, 3/4"-2 I/2"PN40, 3"PN32, 4"PN25
OPERATION	Yellow Lever
OTHER	British Gas and WRAS Approved
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#### BALL FULL BORE / BRASS NICKEL PLATED / BSP MALE / GAS & WRAS APPROVED

VC8



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/4"	£5.13	45	0.13
3/8"	£5.13	45	0.13
1/2"	£5.61	59	0.24
3/4"	£8.43	69	0.36
["	£12.11	83	0.55

Please call the sales team for your discount on this product

VALVE TYPE	Ball Full Bore
BODY MATERIAL	Brass Nickel Plated
END CONNECTION	Screwed BSP Male
SEAT/SEALS	PTFE
RATED	1/4"-1/2"PN64, 3/4"-1"PN40
OPERATION	Yellow Butterfly Handle
OTHER	British Gas and WRAS Approved

Full specification sheet available on request

## BALL, FULL BORE / BRASS NICKEL PLATED / BSP MALE/FEMALE / BUTTERFLY HANDLE, GAS & WRAS

VCI



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/4"	£5.72	51	0.12
3/8"	£5.84	52	0.13
1/2"	£6.90	66	0.21
3/4"	£10.13	76	0.36
"	£15.92	91	0.57

Please call the sales team for your discount on this product

VALVE TYPE	Ball, Full Bore
BODY MATERIAL	Brass Nickel Plated
END CONNECTION	Screwed BSP Male/Female
SEAT/SEALS	PTFE
RATED	PN40
OPERATION	Yellow Butterfly Handle
OTHER	British Gas and WRAS Approved

Full specification sheet available on request

#### BALL, FULL BORE, 2-PIECE / BRONZE, S/S BALL / SCREWED BSP FEMALE

VCI



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£18.00	60	0.38
3/4"	£24.39	62	0.5
I.i.	£32.32	72	0.65
/4"	£61.92	85	1.25
1 1/2"	£75.60	99	1.65
2"	£135.57	120	2.6
2 1/2"	£248.55	142	5.7
3"	£366.60	161	8.25
4"	£594.00	210	14.2

Please call the sales team for your discount on this product

VALVE TYPE	Ball, Full Bore, 2-piece
BODY MATERIAL	Bronze, S/S Ball
END CONNECTION	Screwed BSP Female
SEAT/SEALS	PTFE
RATED	300 PSI
OPERATION	Lever

#### BALL, FULL BORE, 2-PIECE / BRONZE, S/S BALL / SCREWED NPT FEMALE

VC19



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£18.00	60	0.38
3/4"	£24.39	62	0.5
"	£32.32	72	0.65
1 1/2"	£75.60	99	1.65
2"	£135.57	120	2.6

Please call the sales team for your discount on this product

VALVE TYPE	Ball, Full Bore, 2-piece
BODY MATERIAL	Bronze, S/S Ball
END CONNECTION	Screwed NPT Female
SEAT/SEALS	PTFE
RATED	300 PSI
OPERATION	Lever

Full specification sheet available on request

#### BALL, 2-PIECE, FULL BORE / BRONZE, CHROMED BRASS BALL / SCREWED BSP

#### VC20



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/4"	£27.02	51	0.35
3/8"	£27.02	51	0.35
1/2"	£29.39	62	0.38
3/4"	£41.45	70	0.5
["	£59.66	85	0.65
/4"	£80.19	99	1.25
1 1/2"	£91.09	110	1.65
2"	£192.57	134	2.6

Please call the sales team for your discount on this product

VALVE TYPE	Ball, 2-piece, Full Bore	
BODY MATERIAL	Bronze, Chromed Brass Ball	
END CONNECTION	Screwed BSP	
SEAT/SEALS	PTFE	
RATED	800 PSI	
OPERATION	Lever operated	
OTHER	NPT Threads available	

Full specification sheet available on request

## BALL, 2-PIECE, FULL BORE / BRONZE, STAINLESS STEEL BALL AND STEM / FLANGED PNI6

#### VC2I



SIZE	PRICE	LENGTH MM	WEIGHT KG
["	£314.43	125	3.6
/4"	£338.28	130	4.8
1 1/2"	£385.73	140	6.2
2"	£545.36	150	9
2 1/2"	£717.23	170	12.2
3"	£783.98	180	15.5
4"	£1,062.81	190	20
5"	£1,621.52	200	30
6"	£2,276.49	210	36
8"	£5,522.07	400	93

Please call the sales team for your discount on this product

VALVE TYPE	Ball, 2-piece, Full Bore
BODY MATERIAL	Bronze, Stainless Steel Ball and Stem
END CONNECTION	Flanged PN16, we also keep this item undrilled
SEAT/SEALS	PTFE Seats, Viton O-Ring
RATED	16 Bar
OPERATION	Lever
OTHER	ANSI 150 available



#### BALL, I-PIECE, REDUCED BORE / STAINLESS STEEL / SCREWED BSP

VC22



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/4"	£16.14	39	0.07
3/8"	£17.54	44	0.1
1/2"	£18.90	57	0.17
3/4"	£24.83	59	0.25
["	£30.98	71	0.41
/4"	£42.24	78	0.674
I I/2"	£52.22	83	0.84
2"	£73.76	100	1.38

Please call the sales team for your discount on this product

VALVE TYPE	Ball, I-Piece, Reduced Bore
BODY MATERIAL	Stainless Steel
END CONNECTION	Screwed BSP
SEAT/SEALS	PTFE
RATED	1000 PSI
OPERATION	Lever

Full specification sheet available on request

#### BALL, 2-PIECE, FULL BORE / STAINLESS STEEL / SCREWED BSP

VC23



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/4"	£23.16	45	0.21
3/8"	£24.65	45	0.21
1/2"	£26.70	57	0.34
3/4"	£34.46	65	0.51
["	£49.29	76	0.84
/4"	£68.49	88	1.34
1 1/2"	£90.53	102	2
2"	£115.23	123	3.41
2 1/2"	£149.70	156	5.8
3"	£237.90	184	9.51
4"	£522.00	250	19.32

Please call the sales team for your discount on this product

VALVE TYPE	Ball, 2-piece, Full Bore
BODY MATERIAL	Stainless Steel
END CONNECTION	Screwed BSP
SEAT/SEALS	PTFE
RATED	1000 PSI
OPERATION	Lever operated

Full specification sheet available on request

#### BALL, 2-PIECE, FULL BORE / STAINLESS STEEL / SCREWED NPT

VC24



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/4"	£25.02	45	0.21
3/8"	£26.61	45	0.2
1/2"	£28.83	57	0.34
3/4"	£37.22	65	0.51
1"	£53.24	76	0.84
1 1/2"	£97.77	102	2
2"	£124.46	123	3.41

Please call the sales team for your discount on this product

VALVE TYPE	Ball, 2-piece, Full Bore
BODY MATERIAL	Stainless Steel
END CONNECTION	Screwed NPT
SEAT/SEALS	PTFE
RATED	1000 PSI
OPERATION	Lever

#### BALL, 2-PIECE, FULL BODY / STAINLESS STEEL / SCREWED BSP MALE/FEMALE

VC26



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/4"	£23.16	63	0.3
3/8"	£24.65	63.5	0.3
1/2"	£26.70	74	0.35
3/4"	£34.46	82	0.58
Ι"	£49.29	98	1.04
/4"	£68.49	112	1.54
I I/2"	£90.53	126	2.3
2"	£114.00	151	3.8

Please call the sales team for your discount on this product

VALVE TYPE	Ball, 2-piece, Full Body	
BODY MATERIAL	Stainless Steel	
END CONNECTION	Screwed BSP Male/Female	
SEAT/SEALS	PTFE	
RATED	1000 PSI	
OPER ATION	Lever	

Full specification sheet available on request

#### BALL, 3-PIECE, FULL BORE / STAINLESS STEEL / SCREWED BSP

VC2



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/4"	£32.04	59	0.4
3/8"	£32.04	59	0.4
1/2"	£39.53	64	0.58
3/4"	£49.65	75	0.75
1"	£63.60	86	1.08
1 1/4"	£92.79	99	1.85
1 1/2"	£121.97	113	2.6
2"	£166.98	132	3.94
3"	£393.45	183	13
4"	£646.02	232	23.5
1 1/4" 1 1/2" 2" 3"	£92.79 £121.97 £166.98 £393.45	99 113 132 183	1.85 2.6 3.94 13

Please call the sales team for your discount on this product

VALVE TYPE	Ball, 3-piece, Full Bore
BODY MATERIAL	Stainless Steel
END CONNECTION	Screwed BSP
SEAT/SEALS	PTFE
RATED	1000 PSI
OPERATION	Lever
OTHER	available in Socket Weld and Butt Weld

Full specification sheet available on request

#### BALL, 3-PIECE, FULL BORE / STAINLESS STEEL / SOCKET WELD

VC358



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/4"	£26.50	65	0.38
3/8"	£26.87	65	0.38
1/2"	£33.25	66	0.67
3/4"	£42.37	83	0.8
Ι"	£53.12	95	1.2
/4"	£76.12	110	2.05
1 1/2"	£112.00	130	2.8
2"	£155.37	151	4.35

Please call the sales team for your discount on this product

VALVE TYPE	Ball, 3-piece, Full Bore
BODY MATERIAL	Stainless Steel
END CONNECTION	Socket Weld
SEAT/SEALS	PTFE
RATED	1000 PSI
OPERATION	Lever
OTHER	available in Butt Weld and Screwed

Full specification sheet available on request



#### BALL, 3-PIECE, FULL BORE / STAINLESS STEEL / BUTT WELD

VC357



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/4"	£26.50	65	0.38
3/8"	£26.87	65	0.38
1/2"	£33.25	66	0.67
3/4"	£42.37	83	0.8
["	£53.12	95	1.2
1 1/4"	£76.12	110	2.05
1 1/2"	£112.00	130	2.8
2"	£155.37	151	4.35

Please call the sales team for your discount on this product

VALVE TYPE	Ball, 3-piece, Full Bore
BODY MATERIAL	Stainless Steel
END CONNECTION	Butt Weld
SEAT/SEALS	PTFE
RATED	1000 PSI
OPERATION	Lever
OTHER	available in Socket Weld and Screwed

Full specification sheet available on request

#### BALL, 3-WAY, REDUCED BORE / STAINLESS STEEL / SCREWED BSP

**VC33** 



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/4"	£81.44	68	0.75
3/8"	£81.44	68	0.71
1/2"	£90.12	75	0.7
3/4"	£115.17	86	1.07
1"	£141.23	103	1.7
/4"	£160.79	115	2.56
1 1/2"	£223.71	125	3.82
2"	£299.76	146	5.73

Please call the sales team for your discount on this product

VALVE TYPE	Ball, 3-way, Reduced Bore
BODY MATERIAL	Stainless Steel
END CONNECTION	Screwed BSP
SEAT/SEALS	PTFE
RATED	800 PSI
OPERATION	Lever
OTHER	available in L or T Port

Full specification sheet available on request

#### BALL, 3-PIECE, FULL BORE, BARESHAFT / STAINLESS STEEL / BSP / ISO PAD

VC28



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£43.34	62	0.67
3/4"	£55.58	77	0.88
["	£73.74	83	1.26
1 1/4"	£100.04	94	2.04
1 1/2"	£121.68	107	2.8
2"	£169.86	120	4.29

Please call the sales team for your discount on this product

VALVE TYPE	Ball, 3-piece, Full Bore, Bareshaft
BODY MATERIAL	Stainless Steel
END CONNECTION	Screwed BSP
SEAT/SEALS	PTFE
RATED	1000 PSI
OPERATION	Direct Mount ISO Top

#### BALL, 2-PIECE, FULL BORE / STAINLESS STEEL / BSP / SPRING CLOSE LEVER

VC25



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£41.91	57	0.42
3/4"	£54.89	65	0.58
Ι"	£75.77	76	0.94
/4"	£113.58	88	1.44
1 1/2"	£139.56	102	2.09
2"	£202.26	123	2.35

Please call the sales team for your discount on this product

VALVE TYPE	Ball, 2-piece, Full Bore	
BODY MATERIAL Stainless Steel		
END CONNECTION	Screwed BSP	
SEAT/SEALS	PTFE	
RATED	1000 PSI	
OPERATION	Spring Close Lever	

Full specification sheet available on request

#### BALL, FULL BORE, 210 BAR / STAINLESS STEEL / SCREWED BSP

VC36



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/4"	£108.90	61	0.63
3/8"	£108.90	61	0.63
1/2"	£128.87	71	0.86
3/4"	£166.98	82	1.45
Ι"	£221.43	92	2.81
/4"	£301.29	114	3.81
1 1/2"	£464.64	122	5.08
2"	£591.69	143	6.58

Please call the sales team for your discount on this product

VALVE TYPE	Ball, Full Bore, 210 Bar
BODY MATERIAL	Stainless Steel
END CONNECTION	Screwed BSP
SEAT/SEALS	Delrin
RATED	210 Bar
OPERATION	Lever
OTHER	SW & NPT available

Full specification sheet available on request

#### BALL, FULL BORE, -20 TO +210 DEG C / STAINLESS STEEL / SCREWED BSP

VC37



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/4"	£99.35	61	0.63
3/8"	£99.35	61	0.63
1/2"	£116.16	71	0.86
3/4"	£152.46	82	1.45
Ι"	£201.47	92	2.81
/4"	£274.07	114	3.81
1 1/2"	£421.08	122	5.08
2"	£539.06	143	6.58

Please call the sales team for your discount on this product

VALVE TYPE	Ball, Full Bore, -20 to +210 Deg C
BODY MATERIAL	Stainless Steel
END CONNECTION	Screwed BSP
SEAT/SEALS	PTFE Carbongraphite Seats
RATED	105/160 Bar
OPERATION	Lever
OTHER	SW & NPT available
F 11 10 1 1 11 11 11	



## BALL, 3-PIECE, FULL BORE, -20 TO +175 DEG C / STAINLESS STEEL / BSP / NPT / SOCKET WELD

**VC38** 



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/4"	£69.00	61	0.63
3/8"	£69.00	61	0.63
1/2"	£83.49	71	0.86
3/4"	£103.46	82	1.45
Ι"	£137.94	92	2.81
/4"	£192.39	114	3.81
I I/2"	£255.92	122	5.08
2"	£361.19	143	6.58

Please call the sales team for your discount on this product

VALVE TYPE	Ball, 3-piece, Full Bore, -20 to +175 Deg C
BODY MATERIAL	Stainless Steel
END CONNECTION	BSP / NPT / Socket Weld
SEAT/SEALS	PTFE & Carbongraphite
RATED	PNI40 up to I", PNI00 up to 2"
OPERATION	Lever, ISO Top Works
OTHER	Please specify ends when ordering

Full specification sheet available on request

#### BALL, WAFER, FULL BORE, -20 TO +210 DEG C / STAINLESS STEEL / PNI6 OR ANSI 150

VC32



SIZE	PRICE	LENGTH MM	WEIGHT KG
1"	£204.78	43	2.51
1 1/4"	£270.68	50	3.99
1 1/2"	£306.29	60	4.19
2"	£354.38	70	5.79
2 1/2"	£527.03	95	10.2
3"	£760.38	118	13.7
4"	£1,047.09	140	20
6"	£1,309.73	182	57

Please call the sales team for your discount on this product

VALVE TYPE Ba	all, Wafer, Full Bore, -20 to +210 Deg C
BODY MATERIAL Sta	tainless Steel
END CONNECTION PN	N16 or ANSI 150
SEAT/SEALS PT	TFE and Carbongraphite
OPERATION Le	ever
OTHER Ple	lease specify PN16 or ANSI 150 when ordering

Full specification sheet available on request

#### BALL, FULL BORE, 2-PIECE / STAINLESS STEEL / FLANGED PN16

VC2



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£82.43	115	2.6
3/4"	£96.71	120	3.2
["	£123.30	125	4.5
/4"	£184.74	130	5.5
1 1/2"	£208.31	140	6.7
2"	£261.45	150	9.1
2 1/2"	£400.23	170	13
3"	£524.54	180	16.9
4"	£657.53	190	18
6"	£1,462.86	350	53

Please call the sales team for your discount on this product

VALVE TYPE	Ball, Full Bore, 2-piece
BODY MATERIAL	Stainless Steel
END CONNECTION	Flanged PN16, we also keep this item undrilled
SEAT/SEALS	PTFE
RATED	1000 PSI
OPERATION	Lever

#### BALL, FULL BORE, 2-PIECE DIRECT MOUNT / STAINLESS STEEL / FLANGED PNI6

VC30



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£85.64	115	2.6
3/4"	£112.95	120	3.2
Ι"	£138.96	125	4.5
/4"	£207.77	130	5.5
1 1/2"	£250.65	140	6.7
2"	£330.12	150	9.1
2 1/2"	£510.93	170	13
3"	£652.50	180	16.9
4"	£897.57	190	18.6

Please call the sales team for your discount on this product

VALVE TYPE	Ball, Full Bore, 2-piece Direct Mount
BODY MATERIAL	Stainless Steel
END CONNECTION	Flanged PN16, we also keep this item undrilled
SEAT/SEALS	PTFE
RATED	1000 PSI
OPERATION	Lever

Full specification sheet available on request

#### BALL, FULL BORE, 2-PIECE / STAINLESS STEEL / FLANGED ANSI 150

#### VC3



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£82.43	108	2.5
3/4"	£96.71	117	3
1"	£123.30	127	4.5
1 1/2"	£208.31	165	7
2"	£261.45	178	10
3"	£524.54	203	18
4"	£657.53	230	26
6"	£1,462.86	394	57

Please call the sales team for your discount on this product

VALVE TYPE	Ball, Full Bore, 2-piece
BODY MATERIAL	Stainless Steel
END CONNECTION	Flanged ANSI 150, we also keep this item undrilled
SEAT/SEALS	PTFE
RATED	1000 PSI
OPERATION	Lever

Full specification sheet available on request

#### BALL, 3-WAY / STAINLESS STEEL / FLANGED PNI6

#### VC34



SIZE	PRICE	LENGTH MM	WEIGHT KG
2"	£802.73	220	16
2 1/2"	972.93	250	26
3"	£1,337.78	260	30
4"	£1,702.65	340	46
6"	£4,073.58	435	102

Please call the sales team for your discount on this product

VALVE TYPE B:	Ball, 3-way
BODY MATERIAL St	Stainless Steel
END CONNECTION FI	Flanged PN16, we also keep this item undrilled
SEAT/SEALS P	PTFE
RATED 16	16 Bar
OPERATION Le	Lever
OTHER av	available in L and T Port



#### BALL, 3-WAY / STAINLESS STEEL / FLANGED ANSI 150

VC35



SIZE	PRICE	LENGTH MM	WEIGHT KG
2"	£802.73	220	17
3"	£1,337.78	260	31
4"	£1,702.65	340	49
6"	£4,073.58	435	105

Please call the sales team for your discount on this product

VALVE TYPE	Ball, 3-way
BODY MATERIAL	Stainless Steel
END CONNECTION	Flanged ANSI 150, we also keep this item undrilled
SEAT/SEALS	PTFE
OPERATION	Lever
OTHER	available in L and T Port

Full specification sheet available on request

#### BALL, WAFER / CAST IRON, S/S BALL / FLANGED PNI6

VC4I



SIZE	PRICE	LENGTH MM	WEIGHT KG
2"	£249.15	80	3.1
2 1/2"	338.25	100	5.23
3"	£422.40	120	8.5
4"	£658.35	130	13

Please call the sales team for your discount on this product

VALVE TYPE	Ball, Wafer
BODY MATERIAL	Cast Iron, S/S Ball
END CONNECTION	Flanged PN16, we also keep this item undrilled
SEAT/SEALS	RPTFE
OPERATION	Lever

Full specification sheet available on request

#### BALL / DUCTILE IRON, CHROMED BALL / FLANGED PN16

**VC**39



SIZE	PRICE	LENGTH MM	WEIGHT KG
1"	£101.99	125	3.8
/4"	£115.26	130	5.3
1 1/2"	£140.48	140	6.6
2"	£158.69	150	8.8
2 1/2"	£196.74	170	11.4
3"	£258.56	180	14
4"	£328.68	190	17
5"	£699.95	200	30
6"	£972.41	210	37
8"	£2,432.87	400	84

Please call the sales team for your discount on this product

VALVE TYPE	Ball
BODY MATERIAL	Ductile Iron, Chromed Ball
END CONNECTION	Flanged PN16, we also keep this item undrilled
SEAT/SEALS	PTFE Seat, NBR Stem Seal
OPERATION	Lever

#### BALL / DUCTILE IRON, S/S BALL / FLANGED PN16

VC40



SIZE	PRICE	LENGTH MM	WEIGHT KG
["	£143.82	125	3.8
/4"	£169.04	130	5.8
I I/2"	£198.11	140	7
2"	£218.55	150	9.4
2 1/2"	£308.39	170	15.2
3"	£393.81	180	19.1
4"	£520.53	190	27.3
5"	£1,041.69	200	55
6"	£1,351.82	210	72
8"	£3,516.62	400	144

Please call the sales team for your discount on this product

VALVE TYPE	Ball
BODY MATERIAL	Ductile Iron, S/S Ball
END CONNECTION	Flanged PN16, we also keep this item undrilled
SEAT/SEALS	PTFE Seat, Viton Seals
OPERATION	Lever
OTHER	Gas Approved

Full specification sheet available on request

#### BALL 3-WAY / CAST IRON, S/S BALL / FLANGED PN16

#### **VC107**



SIZE	PRICE	LENGTH MM	WEIGHT KG
2"	£460.74	220	17
2 1/2"	£572.06	250	27
3"	£727.62	260	30
4"	£1,060.04	340	47
6"	£2.537.93	435	103

Please call the sales team for your discount on this product

VALVE TYPE	Ball 3-way
BODY MATERIAL	Cast Iron, S/S Ball
END CONNECTION	Flanged PN16, we also keep this item undrilled
SEAT/SEAL	PTFE
OPERATION	Lever operated
OTHER	L & T Port available, please specify

Full specification sheet available on request

## BALL, FULL BORE, 210 BAR / CARBON STEEL A105, STAINLESS STEEL TRIM / SCREWED BSP

#### VC4



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/4"	£56.27	61	0.63
3/8"	£56.27	61	0.63
1/2"	£68.97	71	0.86
3/4"	£83.49	82	1.45
Ι"	£121.61	92	2.81
/4"	£147.02	114	3.81
1 1/2"	£215.99	122	5.08
2"	£275.88	143	6.58

Please call the sales team for your discount on this product

VALVE TYPE	Ball, Full Bore, 210 Bar
BODY MATERIAL	Carbon Steel A105, Stainless Steel Trim
END CONNECTION	Screwed BSP
SEAT/SEALS	Delrin
RATED	210 Bar
OPERATION	Lever
OTHER	SW & NPT available



## BALL, FULL BORE, -20 TO +210 DEG C / CARBON STEEL A105, STAINLESS STEEL TRIM / SCREWED BSP

VC43



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/4"	£50.82	61	0.63
3/8"	£50.82	61	0.63
1/2"	£63.53	71	0.86
3/4"	£76.23	82	1.45
["	£110.70	92	2.81
/4"	£134.31	114	3.81
I I/2"	£196.02	122	5.08
2"	£250.47	143	6.58

Please call the sales team for your discount on this product

VALVE TYPE	Ball, Full Bore, -20 to +210 Deg C
BODY MATERIAL	Carbon Steel A105, Stainless Steel Trim
END CONNECTION	Screwed BSP
SEAT/SEALS	PTFE & Carbographite
RATED	105/160 Bar
OPERATION	Lever
OTHER	SW & NPT available

Full specification sheet available on request

### BALL, 3-PIECE, -20 TO +175 DEG C / CARBON STEEL, STAINLESS STEEL TRIM / SCREWED BSP

VC44



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/4"	£49.01	61	0.63
3/8"	£49.01	61	0.63
1/2"	£68.97	71	0.86
3/4"	£79.86	82	1.45
["	£103.46	92	2.81
1 1/4"	£139.76	114	3.81
I I/2"	£190.58	122	5.08
2"	£264.99	143	6.58

Please call the sales team for your discount on this product

VALVE TYPE	Ball, 3-piece, -20 to +175 Deg C
BODY MATERIAL	Carbon Steel, Stainless Steel Trim
END CONNECTION	Screwed BSP
SEAT/SEALS	PTFE & Carbographite
RATED	PNI40 up to 1", PNI00 up to 2"
OPERATION	Lever
OTHER	SW & NPT available

Full specification sheet available on request

#### BALL, WAFER PATTERN / CARBON STEEL, BRASS BALL / FLANGED PN16

**VC49** 



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£97.38	35	1.3
3/4"	£108.88	40	1.9
Ι"	£122.00	46	2.7
/4"	£154.13	54	4.2
1 1/2"	£185.63	63	5.7
2"	£237.75	82	7.5
2 1/2"	£336.00	103	13.2
3"	£414.25	122	18.2
4"	£668.88	152	29.5
5"	£1,096.13	196	40
6"	£1,596.25	232	73

Please call the sales team for your discount on this product

VALVE TYPE	Ball, Wafer Pattern
BODY MATERIAL	Carbon Steel, Brass Ball
END CONNECTION	Flanged PN16, we also keep this item undrilled
SEAT/SEALS	PTFE
RATED	PNI6
OPERATION	Lever

#### BALL, WAFER PATTERN / CARBON STEEL, STAINLESS STEEL BALL / FLANGED PN16

VC50



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£99.00	35	1.3
3/4"	£110.50	40	1.9
Ι"	£123.50	46	2.7
/4"	£158.00	54	4.2
1 1/2"	£187.88	63	5.7
2"	£238.50	82	7.5
2 1/2"	£342.88	103	13.2
3"	£438.00	122	18.2
4"	£716.38	152	29.5
5"	£1,117.63	196	40
6"	£1,802.50	232	73
8"	£4,340.00	317	79
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Please call the sales team for your discount on this product

VALVE TYPE	Ball, Wafer Pattern
BODY MATERIAL	Carbon Steel, Stainless Steel Ball
END CONNECTION	Flanged PN16, we also keep this item undrilled
SEAT/SEALS	PTFE
RATED	PNI6
OPERATION	Lever

Full specification sheet available on request

#### BALL, WAFER PATTERN / CARBON STEEL, STAINLESS STEEL BALL / FLANGED ANSI 150

#### VC5



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£99.00	35	1.3
3/4"	£110.50	40	1.9
["	£123.50	46	2.7
/4"	£158.00	54	4.2
1 1/2"	£187.88	63	5.7
2"	£238.50	82	7.5
2 1/2"	£342.88	103	13.2
3"	£438.00	122	18.2
4"	£716.38	152	29.5
5"	£1,117.63	196	40
6"	£1,802.50	232	73

Please call the sales team for your discount on this product

VALVE TYPE	Ball, Wafer Pattern
BODY MATERIAL	Carbon Steel, Stainless Steel Ball
END CONNECTION	Flanged ANSI 150, we also keep this item undrilled
SEAT/SEALS	PTFE
RATED	ANSI 150
OPERATION	Lever

Full specification sheet available on request

#### BALL, WAFER PATTERN / CARBON STEEL, STAINLESS STEEL BALL / FLANGED PN40

#### VC52



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£113.50	35	1.3
3/4"	£127.38	40	1.9
Ι"	£138.88	46	2.7
/4"	£172.63	54	4.2
1 1/2"	£204.75	63	5.7
2"	£240.88	82	7.5
2 1/2"	£361.25	103	13.2
3"	£441.88	122	18.2
4"	£996.38	152	29.5
5"	£1,957.50	196	40
6"	£1,895.38	232	73
8"	£5,363.75	317	79

Please call the sales team for your discount on this product

VALVE TYPE	Ball, Wafer Pattern
BODY MATERIAL	Carbon Steel, Stainless Steel Ball
END CONNECTION	Flanged PN40, we also keep this item undrilled
SEAT/SEALS	PTFE
RATED	PN40
OPERATION	Lever



### BALL, FULL BORE / CARBON STEEL / FLANGED PN16

VC45



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£105.50	115	2.4
3/4"	£131.25	120	3.2
Ι"	£126.63	125	4.2
/4"	£166.38	130	5.5
1 1/2"	£206.25	140	6.9
2"	£274.25	150	9.5
2 1/2"	£384.38	170	13.8
3"	£518.00	180	17.7
4"	£745.38	190	25.2
5"	£1,328.75	325	60
6"	£1,842.25	350	71.8
8"	£3,091.38	400	127

Please call the sales team for your discount on this product

VALVE TYPE	Ball, Full Bore
BODY MATERIAL	Carbon Steel
END CONNECTION	Flanged PN16, we also keep this item undrilled
SEAT/SEALS	PTFE
RATED	PNI6
OPERATION	Lever up to 3, T-Bar 3"to 6", 8"Bareshaft (Gearbox can be supplied on request)
OTHER	Direct Mount

Full specification sheet available on request

### BALL, FULL BORE / CARBON STEEL / FLANGED PN40

VC46



SIZE	PRICE	LENGTH MM	WEIGHT KG
2 1/2"	£478.13	170	13.8
3"	£616.38	180	17.8
4"	£766.38	190	30.5
5"	£1,516.38	325	62.5
6"	£2,165.63	350	73.8
8"	£3,564.88	400	152

Please call the sales team for your discount on this product

VALVE TYPE	Ball, Full Bore
BODY MATERIAL	Carbon Steel
END CONNECTION	Flanged PN40, we also keep this item undrilled
SEAT/SEALS	PTFE
RATED	PN40
OPERATION	Lever up to 3, T-Bar 3"to 6", 8"Bareshaft (Gearbox can be supplied on request)
OTHER	Direct Mount

Full specification sheet available on request

### BALL, FULL BORE / CARBON STEEL / FLANGED ANSI 150

VC47



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£93.75	108	1.7
3/4"	£105.50	117	2.2
["	£107.88	127	2.9
1 1/2"	£185.13	165	5.9
2"	£241.38	178	8.4
3"	£560.13	203	17.8
4"	£946.88	229	30.5
6"	£2,161.00	394	72
8"	£3,967.50	457	131.4

Please call the sales team for your discount on this product

VALVE TYPE	Ball, Full Bore
BODY MATERIAL	Carbon Steel
END CONNECTION	Flanged ANSI 150, we also keep this item undrilled
SEAT/SEALS	PTFE
RATED	ANSI 150
OPERATION	Lever up to 3, T-Bar 3"to 6", 8"Bareshaft (Gearbox can be supplied on request)
OTHER	Direct Mount

# **BALL VALVES**

### BALL, FULL BORE / CARBON STEEL / FLANGED ANSI 300





SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£105.50	108	1.7
3/4"	£136.00	117	2.2
Ι"	£173.50	127	2.9
1 1/2"	£278.88	165	5.9
2"	£351.63	178	8.4
3"	£700.75	203	17.8
4"	£1,134.38	229	30.5
6"	£3,079.75	394	72
8"	£6,042.25	457	131.4

Please call the sales team for your discount on this product

VALVE TYPE	Ball, Full Bore
BODY MATERIAL	Carbon Steel
END CONNECTION	Flanged ANSI 300, we also keep this item undrilled
SEAT/SEALS	PTFE
RATED	ANSI 300
OPERATION	Lever up to 3, T-Bar 3"to 6", 8"Bareshaft (Gearbox can be supplied on request)
OTHER	Direct Mount

Full specification sheet available on request

### 3-WAY BALL / CAST STEEL WCB / FLANGED ANSI 150

### **VC404**



SIZE	PRICE	LENGTH MM	WEIGHT KG
1"	£617.50	212	8
1 1/2"	£832.50	262	17
2"	£982.50	290	25
3"	£1,655.00	370	51
4"	£2,337.50	430	77
6"	£4,537.50	500	138

 ${\it Please \ call \ the \ sales \ team \ for \ your \ discount \ on \ this \ product}$ 

VALVE TYPE	3-way Ball
BODY MATERIAL	Cast Steel WCB
END CONNECTION	Flanged ANSI 150, we also keep this item undrilled
SEAT/SEAL	PTFE
RATED	Class 150
OPERATION	Lever Op (actuated is also available-please enquire)
OTHER	L or T port (please advise), Atex compliant

Full specification sheet available on request

### PNEUMATIC ACTUATED BALL / BRASS NICKEL PLATED / BSP FEMALE / DOUBLE ACTING

### **VC173**



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/4"	£145.92	On request	0.88
3/8"	£145.92	On request	0.88
1/2"	£145.92	On request	0.88
3/4"	£158.86	On request	0.98
1"	£172.05	On request	1.23
/4"	£180.30	On request	1.58
1 1/2"	£191.52	On request	2.49
2"	£233.28	On request	3.3
2 1/2"	£459.00	On request	On request
3"	£534.00	On request	On request
4"	£819.00	On request	On request

Please call the sales team for your discount on this product

VALVE TYPE	Pneumatic Actuated Ball
BODY MATERIAL	Brass Nickel Plated
END CONNECTION	Screwed BSP Female
SEAT/SEAL	PTFE
RATED	IO Bar
OPERATION	Double acting actuator
OTHER	Std and Atex Switch-boxes, solenoids, indicators and other accessories are available.



### PNEUMATIC ACTUATED BALL / BRASS NICKEL PLATED / BSP FEMALE / SPRING RETURN

VCI74



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/4"	£175.40	On request	0.96
3/8"	£175.40	On request	0.96
1/2"	£175.40	On request	0.98
3/4"	£182.16	On request	1.09
Ι"	£191.94	On request	1.34
/4"	£220.58	On request	1.68
I I/2"	£254.40	On request	2.69
2"	£288.74	On request	3.5
2 1/2"	£490.50	On request	On request
3"	£565.50	On request	On request
4"	£849.00	On request	On request

Please call the sales team for your discount on this product

VALVE TYPE	Pneumatic Actuated Ball
BODY MATERIAL	Brass Nickel Plated
END CONNECTION	Screwed BSP Female
SEAT/SEAL	PTFE
RATED	IO Bar
OPERATION	Spring return actuator. Please specify fail close / open.
OTHER	Std and Atex Switch-boxes, solenoids, indicators and other accessories are available.

Full specification sheet available on request

### ELECTRIC ACTUATED BALL / BRASS NICKEL PLATED / SCREWED BSP FEMALE

### **VC175**



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£489.89	On request	1.87
3/4"	£496.89	On request	1.92
1"	£509.49	On request	2.07
/4"	£633.36	On request	2.47
1 1/2"	£659.96	On request	3.32
2"	£690.57	On request	3.87
2 1/2"	£778.50	On request	On request
3"	£877.50	On request	On request
4"	£1,239.00	On request	On request

Please call the sales team for your discount on this product

VALVE TYPE	Electric Actuated Ball
BODY MATERIAL	Brass Nickel Plated
END CONNECTION	Screwed BSP Female
SEAT/SEAL	PTFE
RATED	10 Bar
OPERATION	Electric Actuator 24V, 110V & 240V, 2 Microswitches IP65 – AC and DC available.
OTHER	Ball. Atex approved (please enquire).

Full specification sheet available on request

# PNEUMATIC ACTUATED BALL 3-WAY / BRASS NICKEL PLATED / BSP FEMALE / DOUBLE ACTING

### **VC176**



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/4"	£198.32	On request	2.68
3/8"	£198.32	On request	2.64
1/2"	£210.68	On request	2.75
3/4"	£252.84	On request	3.07
Ι"	£272.66	On request	4.46
/4"	£309.84	On request	5.13
1 1/2"	£421.40	On request	8.47
2"	£516.86	On request	15.1
2 1/2"	£577.50	On request	18.6

Please call the sales team for your discount on this product

BODY MATERIAL Brass Nickel Plated
END CONNECTION Screwed BSP Female
SEAT/SEAL PTFE
RATED based on 6 Bar
OPERATION Double acting actuator
OTHER Std and Atex Switch-boxes, solenoids, indicators and other accessories are available.

# **BALL VALVES**

# PNEUMATIC ACTUATED BALL 3-WAY / BRASS NICKEL PLATED / BSP FEMALE / SPRING RETURN

**VCI77** 



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/4"	£223.11	On request	2.89
3/8"	£223.11	On request	2.86
1/2"	£235.49	On request	2.96
3/4"	£379.37	On request	3.23
["	£414.93	On request	5.05
1 1/4"	£450.50	On request	7.43
I I/2"	£497.93	On request	15.47
2"	£627.74	On request	26.11
2 1/2"	£687.90	On request	28

Please call the sales team for your discount on this product

VALVE TYPE	Pneumatic Actuated Ball 3-way
BODY MATERIAL	Brass Nickel Plated
END CONNECTION	Screwed BSP Female
SEAT/SEAL	PTFE
RATED	based on 6 Bar
OPERATION	Spring return actuator. Please specify fail close / open.
OTHER	Std and Atex Switch-boxes, solenoids, indicators and other accessories are available.

Full specification sheet available on request

### PNEUMATIC ACTUATED BALL / STAINLESS STEEL / BSP FEMALE / DOUBLE ACTING

**VC178** 



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£178.13	On request	1.24
3/4"	£211.44	On request	4.45
["	£233.86	On request	2.49
/4"	£277.40	On request	3.23
1 1/2"	£360.83	On request	3.98
2"	£430.85	On request	5.48

Please call the sales team for your discount on this product

VALVE TYPE	Pneumatic Actuated Ball
BODY MATERIAL	Stainless Steel
END CONNECTION	Screwed BSP Female
SEAT/SEAL	PTFE
RATED	IO Bar
OPERATION	Double acting actuator
OTHER	Std and Atex Switch-boxes, solenoids, indicators and other accessories are available.

Full specification sheet available on request

### PNEUMATIC ACTUATED BALL / STAINLESS STEEL / BSP FEMALE / SPRING RETURN

**VC179** 



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£187.93	On request	2.06
3/4"	£234.93	On request	2.27
["	£249.09	On request	2.63
/4"	£316.73	On request	3.43
1 1/2"	£416.06	On request	4.19
2"	£484.22	On request	7.49

Please call the sales team for your discount on this product  $\$ 

VALVE TYPE	Pneumatic Actuated Ball
BODY MATERIAL	Stainless Steel
END CONNECTION	Screwed BSP Female
SEAT/SEAL	PTFE
RATED	10 Bar
OPERATION	Spring return actuator. Please specify fail close / open.
OTHER	Std and Atex Switch-boxes, solenoids, indicators and other accessories are available.



### ELECTRIC ACTUATED BALL 3-PIECE / STAINLESS STEEL / SCREWED BSP FEMALE

VCI80



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£577.50	On request	2.06
3/4"	£584.33	On request	2.25
["	£610.65	On request	2.6
1 1/4"	£772.35	On request	3.55
I I/2"	£826.20	On request	4.25
2"	£889.50	On request	8.85

Please call the sales team for your discount on this product

-	
VALVE TYPE	Electric Actuated Ball 3-piece
BODY MATERIAL	Stainless Steel
END CONNECTION	Screwed BSP Female
SEAT/SEAL	PTFE
RATED	10 Bar
OPERATION	Electric Actuator, 24V, 110V, 240V with 2 Microswitches IP65 – AC and DC available.
OTHER	Manual Override. Atex approved (please enquire).

Full specification sheet available on request

### PNEUMATIC ACTUATED BALL 3-WAY / STAINLESS STEEL / BSP FEMALE / DOUBLE ACTING

VC181



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£245.03	On request	2.73
3/4"	£288.57	On request	2.83
["	£348.18	On request	3.79
/4"	£455.40	On request	4.76
1 1/2"	£526.61	On request	7.86
2"	£655.77	On request	12.13

Please call the sales team for your discount on this product

VALVE TYPE	Pneumatic Actuated Ball 3-way
BODY MATERIAL	Stainless Steel
END CONNECTION	Screwed BSP Female
SEAT/SEAL	PTFE
RATED	10 Bar
OPERATION	Double acting actuator
OTHER	Std and Atex Switch-boxes, solenoids, indicators and other accessories are available.

Full specification sheet available on request

### PNEUMATIC ACTUATED BALL 3-WAY / STAINLESS STEEL / BSP FEMALE / SPRING RETURN

**VC182** 



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£321.26	On request	2.87
3/4"	£355.74	On request	4.12
["	£413.39	On request	4.98
1 1/4"	£515.46	On request	6.97
1 1/2"	£631.95	On request	13.91
2"	£800.25	On request	18.22

Please call the sales team for your discount on this product

VALVE TYPE	Pneumatic Actuated Ball 3-way
BODY MATERIAL	Stainless Steel
END CONNECTION	Screwed BSP Female
SEAT/SEAL	PTFE
RATED	10 Bar
OPERATION	Spring return actuator. Please specify fail close / open.
OTHER	Std and Atex Switch-boxes, solenoids, indicators and other accessories are available.

# **BALL VALVES**

### PNEUMATIC ACTUATED BALL / STAINLESS STEEL / FLANGED PNI6 / DOUBLE ACTING

VCI90



SIZE	PRICE	LENGTH MM	WEIGHT KG
1"	£410.40	On request	On request
/4"	£462.96	On request	On request
1 1/2"	£499.68	On request	On request
2"	£691.85	On request	On request
2 1/2"	£849.39	On request	On request
3"	£1,024.89	On request	On request
4"	£1,324.64	On request	On request

Please call the sales team for your discount on this product

VALVE TYPE	Pneumatic Actuated Ball
BODY MATERIAL	Stainless Steel
END CONNECTION	Flanged PN16, we also keep this item undrilled
SEAT/SEAL	PTFE
RATED	16 Bar
OPERATION	Double acting actuator
OTHER	Std and Atex Switch-boxes, solenoids, indicators and other accessories are available.

Full specification sheet available on request

### PNEUMATIC ACTUATED BALL / STAINLESS STEEL / FLANGED PNI6 / SPRING RETURN

VC191



SIZE	PRICE	LENGTH MM	WEIGHT KG
Ι"	£502.50	On request	On request
1 1/4"	£549.75	On request	On request
1 1/2"	£582.30	On request	On request
2"	£774.09	On request	On request
2 1/2"	£942.42	On request	On request
3"	£1,195.50	On request	On request
4"	£1,495.50	On request	On request

Please call the sales team for your discount on this product

VALVE TYPE	Pneumatic Actuated Ball
BODY MATERIAL	Stainless Steel
END CONNECTION	Flanged PN16, we also keep this item undrilled
SEAT/SEAL	PTFE
RATED	16 Bar
OPERATION	Spring return actuator. Please specify fail close / open.
OTHER	Std and Atex Switch-boxes, solenoids, indicators and other accessories are available.

Full specification sheet available on request

### PNEUMATIC ACTUATED BALL / STAINLESS STEEL / FLANGED ANSI 150 / DOUBLE ACTING

**VC192** 



SIZE	PRICE	LENGTH MM	WEIGHT KG
Ι"	£399.00	On request	On request
/4"	£519.90	On request	On request
1 1/2"	£544.83	On request	On request
2"	£682.58	On request	On request
2 1/2"	£845.40	On request	On request
3"	£1,040.58	On request	On request
4"	£1,393.94	On request	On request

 ${\it Please \ call \ the \ sales \ team \ for \ your \ discount \ on \ this \ product}$ 

Pneumatic Actuated Ball
Stainless Steel
Flanged ANSI 150, we also keep this item undrilled
PTFE
Double acting actuator
Std and Atex Switch-boxes, solenoids, indicators and other accessories are available.



### PNEUMATIC ACTUATED BALL / STAINLESS STEEL / FLANGED ANSI 150 / SPRING RETURN

**VC193** 



SIZE	PRICE	LENGTH MM	WEIGHT KG
Ι"	£486.45	On request	On request
/4"	£562.59	On request	On request
1 1/2"	£585.15	On request	On request
2"	£786.75	On request	On request
2 1/2"	£929.19	On request	On request
3"	£1,126.59	On request	On request
4"	£1,534.08	On request	On request

Please call the sales team for your discount on this product

VALVE TYPE	Pneumatic Actuated Ball
BODY MATERIAL	Stainless Steel
END CONNECTION	Flanged ANSI 150, we also keep this item undrilled
SEAT/SEAL	PTFE
OPERATION	Spring return actuator. Please specify fail close / open.
OTHER	Std and Atex Switch-boxes, solenoids, indicators and other accessories are available.

Full specification sheet available on request

### ELECTRIC ACTUATED BALL / STAINLESS STEEL / FLANGED PN16

VC19



SIZE	PRICE	LENGTH MM	WEIGHT KG
2"	£949.50	On request	On request
2 1/2"	£1,534.50	On request	On request
3"	£2,070.00	On request	On request
4"	£2,497.50	On request	On request

Please call the sales team for your discount on this product

VALVE TYPE	Electric Actuated Ball
BODY MATERIAL	Stainless Steel
END CONNECTION	Flanged PN16, we also keep this item undrilled
SEAT/SEAL	PTFE
OPERATION	Electric Actuator 24V, 110V, 240V available – AC and DC available.
OTHER	Atex approved (please enquire).

Full specification sheet available on request

### ELECTRIC ACTUATED BALL / STAINLESS STEEL / FLANGED ANSI 150

/C391



SIZE	PRICE	LENGTH MM	WEIGHT KG
2"	£996.00	On request	On request
2 1/2"	£1,611.00	On request	On request
3"	£2,136.00	On request	On request
4"	£2,532.00	On request	On request

Please call the sales team for your discount on this product

VALVE TYPE	Electric Actuated Ball
BODY MATERIAL	Stainless Steel
END CONNECTION	Flanged ANSI 150, we also keep this item undrilled
SEAT/SEAL	PTFE
OPERATION	Electric Actuator 24V, 110V, 240V available – AC and DC available.
OTHER	Atex approved (please enquire).

# **BALL VALVES**

# PNEUMATIC ACTUATED BALL 3-WAY / STAINLESS STEEL / FLANGED PNI6 / DOUBLE ACTING

**VC195** 



SIZE	PRICE	LENGTH MM	WEIGHT KG
2"	£1,299.00	On request	On request
2 1/2"	£1,458.00	On request	On request
3"	£1,867.50	On request	On request
4"	£2,320.50	On request	On request
6"	£5,572.50	On request	On request

Please call the sales team for your discount on this product

VALVE TYPE	Pneumatic Actuated Ball 3-way
BODY MATERIAL	Stainless Steel
END CONNECTION	Flanged PN16, we also keep this item undrilled
SEAT/SEAL	PTFE
OPERATION	Double acting actuator
OTHER	Std and Atex Switch-boxes, solenoids, indicators and other accessories are available.

Full specification sheet available on request

# PNEUMATIC ACTUATED BALL 3-WAY / STAINLESS STEEL / FLANGED PNI6 / SPRING RETURN

VC196



Т				
	SIZE	PRICE	LENGTH MM	WEIGHT KG
	2"	£1,351.50	On request	On request
	2 1/2"	£1,521.00	On request	On request
	3"	£1,953.00	On request	On request
	4"	£2,394.00	On request	On request
	6"	£5.875.50	On request	On request

Please call the sales team for your discount on this product

VALVE TYPE	Pneumatic Actuated Ball 3-way
BODY MATERIAL	Stainless Steel
END CONNECTION	Flanged PN16, we also keep this item undrilled
SEAT/SEAL	PTFE
OPERATION	Spring return actuator. Please specify fail close / open.
OTHER	Std and Atex Switch-boxes, solenoids, indicators and other accessories are available.

Full specification sheet available on request

# ELECTRIC ACTUATED BALL 3-WAY / STAINLESS STEEL / FLANGED PN16, ANSI 150 AVAILABLE

**VC197** 



SIZE	PRICE	LENGTH MM	WEIGHT KG
2"	£1,720.50	On request	On request
2 1/2"	£1,906.50	On request	On request
3"	£2,404.50	On request	On request
4"	£2,905.50	On request	On request
6"	£6,582.00	On request	On request

Please call the sales team for your discount on this product

VALVE TYPE	Electric Actuated Ball 3-way
BODY MATERIAL	Stainless Steel
END CONNECTION	Flanged PN16, ANSI 150 available, we also keep this item undrilled
SEAT/SEAL	PTFE
OPERATION	Electric Actuator 24V, 110V, 240V available – AC and DC available.
OTHER	L & T Port available. Atex approved (please enquire).



# PNEUMATIC ACTUATED BALL 3-WAY / CAST IRON, S/S BALL / FLANGED PNI6 / DOUBLE ACTING

**VC188** 



SIZE	PRICE	LENGTH MM	WEIGHT KG
2"	£957.00	On request	On request
2 1/2"	£1,068.00	On request	On request
3"	£1,258.50	On request	On request
4"	£1,677.00	On request	On request
6"	£4,036.50	On request	On request

Please call the sales team for your discount on this product

VALVE TYPE	Pneumatic Actuated Ball 3-way
BODY MATERIAL	Cast Iron, S/S Ball
END CONNECTION	Flanged PN16, we also keep this item undrilled
SEAT/SEAL	PTFE
RATED	16 Bar
OPERATION	Double acting actuator
OTHER	Std and Atex Switch-boxes, solenoids, indicators and other accessories are available.

Full specification sheet available on request

# PNEUMATIC ACTUATED BALL 3-WAY / CAST IRON, S/S BALL / FLANGED PNI6 / SPRING RETURN

**VC189** 



SIZE	PRICE	LENGTH MM	WEIGHT KG
2"	£1,009.50	On request	On request
2 1/2"	£1,120.50	On request	On request
3"	£1,342.50	On request	On request
4"	£1,750.50	On request	On request
6"	£4,339.50	On request	On request

Please call the sales team for your discount on this product

VALVE TYPE	Pneumatic Actuated Ball 3-way
BODY MATERIAL	Cast Iron,S/S Ball
END CONNECTION	Flanged PN16, we also keep this item undrilled
SEAT/SEAL	PTFE
RATED	16 Bar
OPERATION	Spring return actuator. Please specify fail close / open.
OTHER	Std and Atex Switch-boxes, solenoids, indicators and other accessories are available.

Full specification sheet available on request

### ELECTRIC ACTUATED BALL 3-WAY / CAST IRON, S/S BALL / FLANGED PN16

**VC187** 



SIZE	PRICE	LENGTH MM	WEIGHT KG
2"	£1,333.50	On request	On request
2 1/2"	£1,446.00	On request	On request
3"	£1,795.50	On request	On request
4"	£2,262.00	On request	On request
5"	£4.822.50	On request	On request

Please call the sales team for your discount on this product

VALVE TYPE	Electric Actuated Ball 3-way
BODY MATERIAL	Cast Iron, S/S Ball
END CONNECTION	Flanged PN16, we also keep this item undrilled
SEAT/SEAL	PTFE
RATED	I6 Bar
OPERATION	Electric Actuator 24V, 110V, 240V available – AC and DC available.
OTHER	L & T Port available. Atex approved (please enquire).

# **BALL VALVES**

# PNEUMATIC ACTUATED BALL / CAST IRON, CHROME BALL / FLANGED PNI6 / DOUBLE ACTING

**VC183** 



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Please call the sales team for your discount on this product

VALVE TYPE	Pneumatic Actuated Ball
BODY MATERIAL	Cast Iron, Chrome Ball
END CONNECTION	Flanged PN16, we also keep this item undrilled
SEAT/SEAL	PTFE
RATED	16 Bar
OPERATION	Double acting actuator

Full specification sheet available on request

### PNEUMATIC ACTUATED BALL / CAST IRON, CHROME BALL / FLANGED PNI6 / SPRING RETURN

**VC184** 



SIZE	PRICE	LENGTH MM	WEIGHT KG
["	£367.13	125	On request
1 1/4"	£388.63	130	On request
I I/2"	£421.00	140	On request
2"	£433.75	150	On request
2 1/2"	£539.13	170	On request
3"	£703.13	180	On request
4"	£765.75	190	On request
5"	£1,155.63	200	On request
6"	£1,553.75	210	On request
8"	£3,424.38	400	On request

Please call the sales team for your discount on this product

BODY MATERIAL Cast Iron, Chrome Ball END CONNECTION Flanged PN16, we also keep this item undrilled SEAT/SEAL PTFF	VALVE TYPE	Pneumatic Actuated Ball
	BODY MATERIAL	Cast Iron, Chrome Ball
SEAT/SEAT	END CONNECTION	Flanged PN16, we also keep this item undrilled
327 (17327)	SEAT/SEAL	PTFE
RATED 16 Bar	RATED	16 Bar
OPERATION Spring return actuator. Please specify fail close / o	OPERATION	Spring return actuator. Please specify fail close / o

Full specification sheet available on request

### ELECTRIC ACTUATED BALL / CAST IRON, CHROME BALL / FLANGED PN16

**VC185** 



SIZE	PRICE	LENGTH MM	WEIGHT KG
1"	£450.00	125	On request
/4"	£471.50	130	On request
1 1/2"	£776.88	140	On request
2"	£803.00	150	On request
2 1/2"	£1,342.13	170	On request
3"	£1,395.75	180	On request
4"	£1,591.50	190	On request
DI II.I I			

Please call the sales team for your discount on this product

VALVE TYPE	Electric Actuated Ball
BODY MATERIAL	Cast Iron, Chrome Ball
END CONNECTION	Flanged PN16, we also keep this item undrilled
SEAT/SEAL	PTFE
RATED	16 Bar
OPERATION	Electric Actuator 24V, 110V, 240V available – AC and DC available.

Full specification sheet available on request

### ELECTRIC ACTUATED BALL / CAST IRON, S/S BALL / FLANGED PN16

**VC186** 



SIZE	PRICE	LENGTH MM	WEIGHT KG
1 1/2"	£797.63	140	On request
2"	£819.88	150	On request
2 1/2"	£1,391.13	170	On request
3"	£1,445.63	180	On request
4"	£1,698.13	190	On request

Please call the sales team for your discount on this product

VALVE TYPE	Electric Actuated Ball
BODY MATERIAL	Cast Iron, S/S Ball
END CONNECTION	Flanged PN16, we also keep this item undrilled
SEAT/SEAL	PTFE
RATED	16 Bar
OPERATION	Electric Actuator 24V, 110V, 240V available – AC and DC available.



# BELLOVS



# **BELLOWS**

# RUBBER EXPANSION JOINT / EPDM WITH GALVANISED MALLEABLE IRON THREADED ADAPTOR / SCREWED BSP FEMALE

**VC231** 



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£22.00	200	0.7
3/4"	£26.00	200	0.9
Ι"	£28.00	200	1.15
/4"	£31.40	200	1.4
1 1/2"	£38.50	200	1.65
2"	£48.25	200	2.25
2 1/2"	£70.52	245	3.25
3"	£89.45	245	4.2

Please call the sales team for your discount on this product

VALVE TYPE BODY MATERIAL END CONNECTION Rubber Expansion Joint

EPDM with Galvanised Malleable Iron threaded adaptor

Screwed BSP Female

Full specification sheet available on request

# RUBBER EXPANSION JOINT / NITRILE WITH CAST IRON THREADED ADAPTOR / SCREWED BSP FEMALE

**VC232** 



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£22.00	200	0.7
3/4"	£26.00	200	0.9
Ι"	£28.00	200	1.15
/4"	£31.40	200	1.4
1 1/2"	£38.50	200	1.65
2"	£48.25	200	2.25
2 1/2"	£70.52	245	3.25
3"	£89.45	245	4.2

Please call the sales team for your discount on this product

VALVE TYPE
BODY MATERIAL
END CONNECTION

Rubber Expansion Joint

Nitrile with Cast Iron Threaded Adaptor

Screwed BSP Female

Full specification sheet available on request

# RUBBER EXPANSION JOINT / EPDM WITH GALVANISED STEEL FLANGES / FLANGED PN10/16

VC228



SIZE	PRICE	LENGTH MM	WEIGHT KG
1 1/4"	£41.47	130	1.94
1 1/2"	£43.83	130	2.14
2"	£48.10	130	2.67
2 1/2"	£69.53	130	3.14
3"	£82.93	130	3.57
4"	£103.38	130	4.1
5"	£156.80	130	5.56
6"	£181.28	130	6.7
8"	£313.58	130	8.9
10"	£416.90	130	9.96
12"	£512.50	130	15.93
14"	£1,071.88	265	50
16"	£1,391.63	265	60
18"	£1,589.38	265	70
20"	£1,953.50	265	88.64
24"	£3,326.25	254	95

Please call the sales team for your discount on this product

VALVE TYPE Rubber Expansion Joint
BODY MATERIAL EPDM with Galvanised Steel Flanges
END CONNECTION Flanged PNI0/16, we also keep this item undrilled



# RUBBER EXPANSION JOINT / NITRILE WITH GALVANISED STEEL FLANGES / FLANGED PNI0/16

**VC229** 



SIZE	PRICE	LENGTH MM	WEIGHT KG
/4"	£41.47	130	1.94
1 1/2"	£43.83	130	2.14
2"	£48.10	130	2.67
2 1/2"	£69.53	130	3.14
3"	£82.93	130	3.57
4"	£103.38	130	4.1
5"	£156.80	130	5.56
6"	£181.28	130	6.7
8"	£313.58	130	8.9
10"	£416.90	130	9.96
12"	£512.50	130	15.93
14"	£1,070.88	265	50
16"	£1,391.63	265	60
18"	£1,589.38	265	70
20"	£1,953.50	265	88.64
24"	£3,326.25	254	95

Please call the sales team for your discount on this product

VALVE TYPE BODY MATERIAL END CONNECTION Rubber Expansion Joint Nitrile with Galvanised Steel Flanges

Flanged PN10/16, we also keep this item undrilled

Full specification sheet available on request

# TIED RUBBER EXPANSION JOINT / EPDM WITH ZINC PLATED CARBON STEEL OVAL FLANGES / FLANGED PNI0/16

**VC230** 



SIZE	PRICE	LENGTH MM	WEIGHT KG
2 1/2"	£108.28	130	8.1
3"	£129.28	130	9.6
4"	£161.08	130	10.8
5"	£244.25	130	14.8
6"	£282.43	130	17.1
8"	£488.48	130	22.8
10"	£649.55	130	34
12"	£798.38	130	41.9

Please call the sales team for your discount on this product

VALVE TYPE BODY MATERIAL END CONNECTION

Tied Rubber Expansion Joint EPDM with Zinc Plated Carbon Steel Oval Flanges Flanged PN10/16, we also keep this item undrilled

Full specification sheet available on request

# TIED RUBBER EXPANSION JOINT / NITRILE WITH ZINC PLATED CARBON STEEL OVAL FLANGES / FLANGED PNI0/16

VC405



SIZE	PRICE	LENGTH MM	WEIGHT KG
2 1/2"	£108.28	130	8.1
3"	£129.28	130	9.6
4"	£161.08	130	10.8
5"	£244.25	130	14.8
6"	£282.43	130	17.1
8"	£488.48	130	22.8
10"	£649.55	130	34
12"	£798.38	130	41.9

Please call the sales team for your discount on this product

VALVE TYPE
BODY MATERIAL
END CONNECTION

Tied Rubber Expansion Joint

Nitrile with Zinc Plated Carbon Steel Oval Flanges Flanged PN10/16, we also keep this item undrilled



### Customer service is paramount, but don't just take our word for it

"I am an inventory manager at the MOD and found it very easy to do business with your company. Quotations have been dealt with quickly and professionally and members of your staff are helpfUL and informative. I would hope to deal with you in the future."—Rob, UK Ministry of Defence.





# BUTTERFLY VALVES

Butterfly, Wafer Pattern / Ductile Iron, Epoxy Coated / Nickel Plated	
Ductile Iron	.39
Butterfly, Wafer Pattern / Ductile Iron, Epoxy Coated / Stainless Steel	39
Butterfly, Lugged & Tapped / Ductile Iron Epoxy Coated /	
Stainless Steel	.40
Butterfly, Wafer Type Multi-Flanged / Ductile Iron / Epoxy	
Coated Disc	.40
Butterfly, Wafer Type Multi-Flanged / Ductile Iron / Epoxy	
Coated Disc	.41
Butterfly, Wafer Type Multi-Flanged / Ductile Iron / Stainless Steel	.41
Butterfly, Wafer Type Multi-Flanged / Ductile Iron / Stainless Steel $\ldots$	.41
Butterfly, Wafer Type Multi-Flanged / Aluminium Epoxy Coated /	
Brass Up to 4", Epoxy Coated Up to 8"	.42
Butterfly Wafer Pattern / Cast Iron Epoxy Coated / Stainless Steel	.42
Butterfly Wafer Pattern / Cast Iron Epoxy Coated /	
Aluminium Bronze	.42
Butterfly Wafer Pattern / Cast Iron Epoxy Coated / Stainless Steel	.43
Butterfly Lugged Pattern / Cast Iron Epoxy Coated / Stainless Steel	.43
Butterfly Lugged Pattern / Cast Iron Epoxy Coated /	
Aluminium Bronze	.43

Butterfly Lugged Pattern / Cast Iron Epoxy Coated / Stainless Steel 44
Butterfly, Double Flanged / Ductile Iron / Coated Ductile Iron
Butterfly, Wafer Pattern / Stainless Steel
Firesafe High Performance Butterfly, Wafer Type / Carbon Steel / Stainless
Steel
Firesafe High Performance Butterfly, Lugged Type / Carbon Steel /
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Double Acting
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Electric Actuated Butterfly, Wafer Pattern / Ductile Iron /
Stainless Steel46
Pneumatic Butterfly, Lugged / Ductile Iron / Stainless Steel /
Double Acting
Pneumatic Butterfly, Lugged / Ductile Iron / Stainless Steel /
Spring Return
Electric Actuated Butterfly, Fully Lugged / Ductile Iron /
Stainless Steel



# **BUTTERFLY VALVES**

# BUTTERFLY, WAFER PATTERN / DUCTILE IRON, EPOXY COATED / NICKEL PLATED DUCTILE IRON

VC53



CIZE	BBIGE	LENGTHAM	WEIGHT KG
SIZE	PRICE	LENGTH MM	WEIGHT KG
2"	£50.07	42	3.8
2 1/2"	£52.77	45	4.4
3"	£64.04	45	5
4"	£68.82	52	7
5"	£86.13	54	8
6"	£100.20	56	10
8"	£176.46	61	16.2
10"	£299.15	66	24.8
12"	£398.07	77	37
14"	£650.81	80	52
16"	£1,383.72	90	101
18"	£1,635.81	110	119
20"	£2,130.57	120	168
24"	£4,251.00	160	198

Please call the sales team for your discount on this product

VALVE TYPE	Butterfly, Wafer Pattern
BODY MATERIAL	Ductile Iron, Epoxy Coated
DISC MATERIAL	Nickle Plated Ductile Iron
END CONNECTION	To suit Flanges PN10/16, we also keep this item undrilled
LINER	EPDM
RATED	16 Bar
OPERATION	Lever up to 14", Above Gear box operated
OTHER	Other discs and Liners available

Full specification sheet available on request

### **BUTTERFLY, WAFER PATTERN / DUCTILE IRON, EPOXY COATED / STAINLESS STEEL**

VC54



SIZE	PRICE	LENGTH MM	WEIGHT KG
2"	£61.99	42	3.8
2 1/2"	£68.91	45	4.4
3"	£78.56	45	5
4"	£96.84	52	7
5"	£135.95	54	8
6"	£169.58	56	10
8"	£298.73	61	16.2

Please call the sales team for your discount on this product

VALVE TYPE	Butterfly, Wafer Pattern
BODY MATERIAL	Ductile Iron, Epoxy Coated
DISC MATERIAL	Stainless Steel
END CONNECTION	To suit Flanges PN10/16, we also keep this item undrilled
LINER	BUNA
RATED	16 Bar
OPERATION	Lever up to 14", Above Gear box operated
OTHER	Other discs and Liners available

Full specification sheet available on request

### BUTTERFLY, WAFER PATTERN / DUCTILE IRON, EPOXY COATED / STAINLESS STEEL

VC55



SIZE	PRICE	LENGTH MM	WEIGHT KG
1 1/2"	£55.49	33	3.02
2"	£61.99	42	3.8
2 1/2"	£68.91	45	4.4
3"	£78.56	45	5
4"	£96.84	52	7
5"	£135.95	54	8
6"	£169.58	56	10
8"	£298.73	61	16.2
10"	£558.48	66	24.8
12"	£844.58	77	37
14"	£1,318.14	80	52
16"	£2,312.15	90	101
18"	£3,060.81	110	119
20"	£4,193.25	120	168
24"	£6,347.82	160	198

Please call the sales team for your discount on this product

VALVE TYPE	Butterfly, Wafer Pattern
BODY MATERIAL	Ductile Iron, Epoxy Coated
DISC MATERIAL	Stainless Steel
END CONNECTION	To suit Flanges PN10/16, we also keep this item undrilled
LINER	EPDM
RATEDV	I6 Bar
OPERATION	Lever up to 14", Above Gear box operated
OTHER	Other discs and Liners available



### **BUTTERFLY, LUGGED & TAPPED / DUCTILE IRON EPOXY COATED / STAINLESS STEEL**

VC56



SIZE	PRICE	LENGTH MM	WEIGHT KG
2"	£75.47	42	3.8
2 1/2"	£87.69	45	4.2
3"	£99.39	45	4.7
4"	£122.99	52	9
5"	£164.19	54	10.9
6"	£187.08	56	14.2
8"	£364.95	61	18.2

Please call the sales team for your discount on this product

VALVE TYPE	Butterfly, Lugged & Tapped
BODY MATERIAL	Ductile Iron Epoxy Coated
DISC MATERIAL	Stainless Steel
END CONNECTION	To suit Flanges PN16 (PN10 available on 8"), we also keep this item undrilled
LINER	BUNA
RATED	PNI6
OPERATION	Lever up to 14", above gearbox operated
OTHER	Other Discs and Liners available

Full specification sheet available on request

### **BUTTERFLY, LUGGED & TAPPED / DUCTILE IRON EPOXY COATED / STAINLESS STEEL**

VC57



SIZE	PRICE	LENGTH MM	WEIGHT KG
2"	£75.47	42	3.8
2 1/2"	£87.69	45	4.2
3"	£99.39	45	4.7
4"	£122.99	52	9
5"	£164.19	54	10.9
6"	£187.08	56	14.2
8"	£364.95	61	18.2

Please call the sales team for your discount on this product

VALVE TYPE	Butterfly, Lugged & Tapped
BODY MATERIAL	Ductile Iron Epoxy Coated
DISC MATERIAL	Stainless Steel
END CONNECTION	To suit Flanges PN16 (PN10 available on 8"), we also keep this item undrilled
LINER	EPDM
RATED	PNI6
OPERATION	Lever up to 14", above gearbox operated
OTHER	Other Discs and Liners available

Full specification sheet available on request

### BUTTERFLY, WAFER TYPE MULTI-FLANGED / DUCTILE IRON / EPOXY COATED DISC

VC58



SIZE	PRICE	LENGTH MM	WEIGHT KG
2 1/2"	£99.41	46	3
3"	£103.70	46	3.3
4"	£120.21	52	4.8
5"	£162.59	56	6.8
6"	£188.13	56	8.5
8"	£261.41	60	13.5
10"	£472.34	68	22

 ${\it Please \ call \ the \ sales \ team \ for \ your \ discount \ on \ this \ product}$ 

VALVE TYPE	Butterfly, Wafer Type Multi-Flanged
BODY MATERIAL	Ductile Iron
DISC MATERIAL	Epoxy Coated Disc
END CONNECTION	Can be drilled to suit PN6/10/16 / ANSI 150 / Table D/E and JIS 5K / 10K
LINER	BUNA (replaceable)
RATED	I6 Bar
OPERATION	Lever up to 12", above gearbox operated
OTHER	Direct Mount ISO 5211

# **BUTTERFLY VALVES**

### BUTTERFLY, WAFER TYPE MULTI-FLANGED / DUCTILE IRON / EPOXY COATED DISC

VC59



SIZE	PRICE	LENGTH MM	WEIGHT KG
2 1/2"	£95.94	46	3
3"	£100.34	46	3.3
4"	£111.27	52	4.8
5"	£154.01	56	6.8
6"	£169.44	56	8.5
8"	£237.99	60	13.5
10"	£413.78	68	22
12"	£663.74	78	38

Please call the sales team for your discount on this product

VALVE TYPE	Butterfly, Wafer Type Multi-Flanged
BODY MATERIAL	Ductile Iron
DISC MATERIAL	Epoxy Coated Disc
END CONNECTION	Can be drilled to suit PN6/10/16 / ANSI 150 / Table D/E and JIS 5K / 10K
LINER	EPDM (replaceable)
RATED	16 Bar
OPERATION	Lever up to 12", above gearbox operated
OTHER	Direct Mount ISO 5211

Full specification sheet available on request

### BUTTERFLY, WAFER TYPE MULTI-FLANGED / DUCTILE IRON / STAINLESS STEEL

VC60



SIZE	PRICE	LENGTH MM	WEIGHT KG
1 1/2"	£87.98	33	1.5
2"	£91.70	43	21.2
2 1/2"	£111.59	46	3
3"	£116.24	46	3.3
4"	£141.27	52	4.8
5"	£219.17	56	6.8
6"	£273.53	56	8.5
8"	£372.95	60	13.5
10"	£722.67	68	22
12"	£1,070.40	78	38

Please call the sales team for your discount on this product

VALVE TYPE	Butterfly, Wafer Type Multi-Flanged
BODY MATERIAL	Ductile Iron
DISC MATERIAL	Stainless Steel
END CONNECTION	Can be drilled to suit PN6/10/16 / ANSI 150 / Table D/E and JIS 5K / 10K
LINER	BUNA (replaceable)
RATED	I6 Bar
OPERATION	Lever up to 12", above gearbox operated
OTHER	Direct Mount ISO 5211

Full specification sheet available on request

### BUTTERFLY, WAFER TYPE MULTI-FLANGED / DUCTILE IRON / STAINLESS STEEL

VC61



SIZE	PRICE	LENGTH MM	WEIGHT KG
1 1/2"	£81.63	33	1.5
2"	£88.68	43	2.2
2 1/2"	£103.44	46	3
3"	£115.52	46	3.3
4"	£132.50	52	4.8
5"	£207.87	56	6.8
6"	£258.72	56	8.5
8"	£349.68	60	13.5
10"	£685.76	68	22
12"	£1,007.28	78	38

Please call the sales team for your discount on this product

VALVE TYPE	Butterfly, Wafer Type Multi-Flanged
BODY MATERIAL	Ductile Iron
DISC MATERIAL	Stainless Steel
END CONNECTION	Can be drilled to suit PN6/10/16 / ANSI 150 / Table D/E and JIS 5K / 10K
LINER	EPDM (replaceable)
RATED	I6 Bar
OPERATION	Lever up to 12", above gearbox operated
OTHER	Direct Mount ISO 5211



# BUTTERFLY, WAFER TYPE MULTI-FLANGED / ALUMINIUM EPOXY COATED / BRASS UP TO 4", EPOXY COATED UP TO 8"

VC62



SIZE	PRICE	LENGTH MM	WEIGHT KG
I I/2"	£65.51	33	0.5
2"	£68.04	43	0.72
2 1/2"	£74.34	46	1.18
3"	£80.79	46	1.35
4"	£99.83	52	2.3
5"	£128.87	56	3
6"	£170.43	56	4.3
8"	£203.97	58	6.4

Please call the sales team for your discount on this product

VALVE TYPE	Butterfly, Wafer Type Multi-Flanged
BODY MATERIAL	Aluminium Epoxy Coated
DISC MATERIAL	Brass up to 4", Epoxy Coated up to 8"
END CONNECTION	Can be drilled to suit PN6/10/16 / ANSI 150 / Table D/E and JIS 5K / 10K
LINER	EPDM
RATED	I6 Bar
OPERATION	Lever up to 12", above gearbox operated
OTHER	Extended Neck for Pipe Lagging

Full specification sheet available on request

### **BUTTERFLY WAFER PATTERN / CAST IRON EPOXY COATED / STAINLESS STEEL**

VC291



SIZE	PRICE	LENGTH MM	WEIGHT KG
1 1/2"	£149.47	33	2.2
2"	£149.47	43	3
2 1/2"	£168.11	46	3.5
3"	£205.47	46	4
4"	£264.60	52	6
5"	£370.46	56	7.2
6"	£479.43	56	9.5
8"	£772.07	60	16
10"	£1,233.54	68	22
12"	£1,578.54	78	30

Please call the sales team for your discount on this product

VALVE TYPE	Butterfly Wafer Pattern
BODY MATERIAL	Cast Iron Epoxy Coated
DISC MATERIAL	Stainless Steel
END CONNECTION	To suit PNI0/I6
SEAT/SEAL	Viton Seal
RATED	I6 BAR
OPERATION	Bareshaft. Lever / gearbox on request

Full specification sheet available on request

### BUTTERFLY WAFER PATTERN / CAST IRON EPOXY COATED / ALUMINIUM BRONZE

VC293



SIZE	PRICE	LENGTH MM	WEIGHT KG
1 1/2"	£133.44	33	2.2
2"	£133.44	43	3
2 1/2"	£143.21	46	3.5
3"	£159.48	46	4
4"	£196.37	52	6
5"	£292.92	56	7.2
6"	£335.24	56	9.5
8"	£563.07	60	16
10"	£930.86	68	22
12"	£1,171.70	78	30

Please call the sales team for your discount on this product

VALVE TYPE	Butterfly Wafer Pattern
BODY MATERIAL	Cast Iron Epoxy Coated
DISC MATERIAL	Aluminium Bronze
END CONNECTION	To suit PN10/16
SEAT/SEAL	NBR or EPDM
RATED	16 BAR
OPERATION	Bareshaft. Lever / gearbox on request
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# **BUTTERFLY VALVES**

### **BUTTERFLY WAFER PATTERN / CAST IRON EPOXY COATED / STAINLESS STEEL**

**VC295** 



SIZE	PRICE	LENGTH MM	WEIGHT KG
2"	£146.46	43	3
2 1/2"	£175.76	46	3.5
3"	£207.56	46	4
4"	£250.62	52	6
5"	£335.24	56	7.2
6"	£400.32	56	9.5
8"	£631.41	60	16
10"	£940.50	68	22
12"	£1,233.54	78	30

Please call the sales team for your discount on this product

VALVE TYPE	Butterfly Wafer Pattern		
BODY MATERIAL	Cast Iron Epoxy Coated		
DISC MATERIAL	Stainless Steel		
END CONNECTION	To suit PN10/16		
SEAT/SEAL	Silicon		
RATED	16 BAR		
ODED ATION	D 1 C 1 / 1		

Full specification sheet available on request

### BUTTERFLY LUGGED PATTERN / CAST IRON EPOXY COATED / STAINLESS STEEL

VC29



SIZE	PRICE	LENGTH MM	WEIGHT KG
1 1/2"	£173.49	33	2.6
2"	£173.49	43	3.7
2 1/2"	£199.32	46	4.4
3"	£230.36	46	6.7
4"	£295.74	52	7.6
5"	£404.70	56	9.7
6"	£526.13	56	11.3
8"	£865.47	60	22
10"	£1,337.69	68	29
12"	£1,777.08	78	43

Please call the sales team for your discount on this product

VALVE TYPE	Butterfly Lugged Pattern
BODY MATERIAL	Cast Iron Epoxy Coated
DISC MATERIAL	Stainless Steel
END CONNECTION	To suit PN10/16
SEAT/SEAL	Viton Seal
RATED	16 BAR
OPER ATION	Bareshaft Lever / gearbox on request

Full specification sheet available on request

### BUTTERFLY LUGGED PATTERN / CAST IRON EPOXY COATED / ALUMINIUM BRONZE

VC294



SIZE	PRICE	LENGTH MM	WEIGHT KG
1 1/2"	£149.72	33	2.6
2"	£149.72	43	3.7
2 1/2"	£162.74	46	4.4
3"	£185.52	46	6.7
4"	£227.84	52	7.6
5"	£328.73	56	9.7
6"	£384.06	56	11.3
8"	£660.71	60	22
10"	£1,035.00	68	29
12"	£1,370.24	78	43

 ${\it Please \ call \ the \ sales \ team \ for \ your \ discount \ on \ this \ product}$ 

VALVE TYPE	Butterfly Lugged Pattern
BODY MATERIAL	Cast Iron Epoxy Coated
DISC MATERIAL	Aluminium Bronze
END CONNECTION	To suit PN10/16
SEAT/SEAL	NBR or EPDM
RATED	16 BAR
OPERATION	Bareshaft. Lever / gearbox on request

Full specification sheet available on request



### **BUTTERFLY LUGGED PATTERN / CAST IRON EPOXY COATED / STAINLESS STEEL**

VC296



SIZE	PRICE	LENGTH MM	WEIGHT KG
2"	£162.65	43	3.7
2 1/2"	£195.29	46	4.4
3"	£233.60	46	6.7
4"	£283.17	52	7.6
5"	£371.03	56	9.7
6"	£449.15	56	11.3
8"	£729.06	60	22
10"	£1,044.77	68	29
12"	£1,432.08	78	43

Please call the sales team for your discount on this product

VALVE TYPE	Butterfly Lugged Pattern
BODY MATERIAL	Cast Iron Epoxy Coated
DISC MATERIAL	Stainless Steel
END CONNECTION	To suit PNI0/16
SEAT/SEAL	Silicon
RATED	16 BAR
OPERATION	Bareshaft. Lever / gearbox on request

Full specification sheet available on request

### **BUTTERFLY, DOUBLE FLANGED / DUCTILE IRON / COATED DUCTILE IRON**

**VC330** 



SIZE	PRICE	LENGTH MM	WEIGHT KG
3"	£1,057.50	180	22
4"	£1,120.00	190	26
5"	£1,490.00	200	30
6"	£1,465.00	210	39
8"	£1,685.00	270	51
10"	£1,955.00	290	76
12"	£2,177.50	340	95
14"	£3,210.00	400	175

Please call the sales team for your discount on this product

VALVE TYPE	Butterfly, Double Flanged
BODY MATERIAL	Ductile Iron
DISC MATERIAL	Coated Ductile Iron
END CONNECTION	Flanged PN16, we also keep this item undrilled
SEAT/SEAL	EPDM
RATED	16 Bar
OPERATION	Cap Top (Gearbox available)
OTHER	WRC Approved

Full specification sheet available on request

### **BUTTERFLY, WAFER PATTERN / STAINLESS STEEL**

VC63



SIZE	PRICE	LENGTH MM	WEIGHT KG
2"	£227.46	43	2.6
2 1/2"	£281.22	46	3.6
3"	£362.87	46	5.3
4"	£422.30	52	8
5"	£517.29	56	10
6"	£652.86	56	12.8
8"	£978.51	60	16.1

Please call the sales team for your discount on this product

VALVE TYPE	Butterfly, Wafer Pattern
BODY MATERIAL	Stainless Steel
DISC MATERIAL	Stainless Steel
END CONNECTION	To suit PN10 / PN16 / ANS1 150 Flanges, we also keep this item undrilled
LINER	EPDM Backed PTFE
RATED	PNI0
OPERATION	Lever up to 8", above gearbox operated.
OTHER	Iso Mounted

Full specification sheet available on request

# **BUTTERFLY VALVES**

# FIRESAFE HIGH PERFORMANCE BUTTERFLY, WAFER TYPE / CARBON STEEL / STAINLESS STEEL

VC352



SIZE	PRICE	LENGTH MM	WEIGHT KG
2 1/2"	£497.50	48	13
3"	£547.50	48	16
4"	£727.50	52	20
5"	£930.00	57	26
6"	£1,067.50	57	33
8"	£1,375.00	61	46
10"	£2,027.50	70	79
12"	£2,900.00	78	123

Please call the sales team for your discount on this product

VALVE TYPE	Firesafe High Performance Butterfly, Wafer Type
BODY MATERIAL	Carbon Steel (others available, contact office)
DISC	Stainless Steel (others available, contact office)
END CONNECTION	To suit ANSI 150 and PN16
SEAT/SEAL	RTFE (others available, contact office)
RATED	19.6 Bar (Class 150)
OPERATION	Lever upto 6", Gearbox 8"to 12"

Full specification sheet available on request

# FIRESAFE HIGH PERFORMANCE BUTTERFLY, LUGGED TYPE / CARBON STEEL / STAINLESS STEEL

VC353



SIZE	PRICE	LENGTH MM	WEIGHT KG
2 1/2"	£615.00	48	14
3"	£665.00	48	15
4"	£787.50	52	23
5"	£1,030.00	57	34
6"	£1,187.50	57	47
8"	£1,592.50	61	54
10"	£2,267.50	70	94
12"	£3,060.00	78	136

 $\label{please call the sales team for your discount on this product} Please \ call \ the \ sales \ team \ for \ your \ discount \ on \ this \ product$ 

VALVE TYPE Firesafe High Performance Butterfly, Lugged Type	
BODY MATERIAL	Carbon Steel (others available, contact office)
DISC	Stainless Steel (others available, contact office)
END CONNECTION	ANSI 150 or PN16 (please specify)
SEAT/SEAL	RTFE (others available, contact office)
RATED	19.6 Bar (Class 150)
OPERATION	Lever upto 6", Gearbox 8"to 12"

Full specification sheet available on request

### PNEUMATIC BUTTERFLY, WAFER / DUCTILE IRON / STAINLESS STEEL / DOUBLE ACTING

VC198



SIZE	PRICE	LENGTH MM	WEIGHT KG
2"	£178.13	43	On request
2 1/2"	£183.38	46	On request
3"	£231.50	46	On request
4"	£394.38	52	On request
5"	£436.88	54	On request
6"	£596.38	56	On request
8"	£782.13	59	On request
10"	£901.63	On request	On request
12"	£1,581.00	On request	On request

Please call the sales team for your discount on this product

VALVE TYPE	Pneumatic Actuated Butterfly, Wafer Pattern
BODY MATERIAL	Ductile Iron
DISC	Stainless Steel (Other Discs available)
END CONNECTION	Wafer to suit PN6, PN10, PN16, ANSI 150, Table D/E, JIS5K/10K On request
SEAT/SEAL	EPDM (Other Liners available)
RATED	10-16 Bar
OPERATION	Double Acting Pneumatic Actuator
OTHER	Std and Atex Switch-boxes, solenoids, indicators and other accessories are available.
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### PNEUMATIC BUTTERFLY, WAFER / DUCTILE IRON / STAINLESS STEEL / SPRING RETURN

**VC199** 



SIZE	PRICE	LENGTH MM	WEIGHT KG
2"	£205.38	43	On request
2 1/2"	£210.75	46	On request
3"	£269.00	46	On request
4"	£493.25	52	On request
5"	£535.75	54	On request
6"	£732.75	56	On request
8"	£1,327.63	59	On request
10"	£1,518.75	On request	On request
12"	£2,597.88	On request	On request

Please call the sales team for your discount on this product

VALVE TYPE	Pneumatic Actuated Butterfly, Wafer Pattern
BODY MATERIAL	Ductile Iron
DISC	Stainless Steel (Other Discs available)
END CONNECTION	Wafer to suit PN6, PN10, PN16, ANSI 150, Table D/E, JIS5K/10K On request
SEAT/SEAL	EPDM (Other Liners available)
RATED	10-16 Bar
OPERATION	Spring Return Actuator (please specify fail open / close)
OTHER	Std and Atex Switch-boxes, solenoids, indicators and other accessories are available.

Full specification sheet available on request

# ELECTRIC ACTUATED BUTTERFLY, WAFER PATTERN / DUCTILE IRON / STAINLESS STEEL

**VC200** 



SIZE	PRICE	LENGTH MM	WEIGHT KG
2"	£417.75	43	On request
2 1/2"	£423.13	46	On request
3"	£568.75	46	On request
4"	£756.50	52	On request
5"	£799.00	54	On request
6"	£1,305.50	56	On request
8"	£1,585.00	59	On request
10"	£1,776.13	On request	On request

Please call the sales team for your discount on this product

VALVE TYPE	Electric Actuated Butterfly, Wafer Pattern
BODY MATERIAL	Ductile Iron
DISC	Stainless Steel (Other Discs available)
END CONNECTION	Wafer to suit PN6, PN10, PN16, ANSI 150, Table D/E, JIS5K/10K On request
SEAT/SEAL	EPDM (Other Liners available)
RATED	16 Bar
OPERATION	Electric Actuated 24V, 110V, 240V available – AC and DC available
OTHER	Atex approved available (please enquire)

Full specification sheet available on request

# PNEUMATIC BUTTERFLY, LUGGED / DUCTILE IRON / STAINLESS STEEL / DOUBLE ACTING

VC201



SIZE	PRICE	LENGTH MM	WEIGHT KG
2"	£194.00	43	On request
2 1/2"	£194.00	46	On request
3"	£247.38	46	On request
4"	£410.38	52	On request
5"	£458.13	54	On request
6"	£619.13	56	On request
8"	£843.88	59	On request
10"	£1,242.13	On request	On request
12"	£1,954.88	On request	On request

Please call the sales team for your discount on this product

VALVE TYPE	Pneumatic Actuated Butterfly, Fully Lugged
BODY MATERIAL	Ductile Iron
DISC	Stainless Steel (Other Discs available)
END CONNECTION	To suit PN16 Flanges, we also keep this item undrilled
SEAT/SEAL	EPDM (Other Liners available)
RATED	16 Bar
OPERATION	Double Acting Pneumatic Actuator
OTHER	Std and Atex Switch-boxes, solenoids, indicators and other accessories are available.

# **BUTTERFLY VALVES**

### PNEUMATIC BUTTERFLY, LUGGED / DUCTILE IRON / STAINLESS STEEL / SPRING RETURN

VC202



SIZE	PRICE	LENGTH MM	WEIGHT KG
2"	£221.25	43	On request
2 1/2"	£221.25	46	On request
3"	£284.88	46	On request
4"	£509.25	52	On request
5"	£557.00	54	On request
6"	£748.63	56	On request
8"	£1,382.50	59	On request
10"	£1,447.13	On request	On request
12"	£2,971.63	On request	On request

Please call the sales team for your discount on this product

VALVE TYPE	Pneumatic Actuated Butterfly, Fully Lugged
BODY MATERIAL	Ductile Iron
DISC	Stainless Steel (Other Discs available)
END CONNECTION	To suit PN16 Flanges, we also keep this item undrilled
SEAT/SEAL	EPDM (Other Liners available)
RATED	16 Bar
OPERATION	Spring Return Actuator (please specify fail open / close)
OTHER	Std and Atex Switch-boxes, solenoids, indicators and other accessories are available.

Full specification sheet available on request

### ELECTRIC ACTUATED BUTTERFLY, FULLY LUGGED / DUCTILE IRON / STAINLESS STEEL

VC203



SIZE	PRICE	LENGTH MM	WEIGHT KG
2"	£435.00	43	On request
2 1/2"	£442.50	46	On request
3"	£607.50	46	On request
4"	£798.75	52	On request
5"	£840.00	54	On request
6"	£1,380.00	56	On request
8"	£1,597.50	59	On request
10"	£1,875.00	On request	On request

Please call the sales team for your discount on this product

VALVE TYPE	Electric Actuated Butterfly, Fully Lugged
BODY MATERIAL	Ductile Iron
DISC	Stainless Steel (Other Discs available)
END CONNECTION	To suit PNI6 Flanges, we also keep this item undrilled
SEAT/SEAL	EPDM (Other Liners available)
RATED	16 Bar
OPERATION	Electric Actuator 24V, 110V, 240V available – AC and DC available
OTHER	Atex approved available (please enquire)





# DIAPHRAGM VALVES

Diaphragm Weir Type Unlined / Ductile Iron / Screwed BSP Female4
Diaphragm Weir Type Unlined / Ductile Iron / Flanged PN10/164
Diaphragm Weir Type Hard Rubber Lined / Ductile Iron / Flanged
PNI0/164
Diaphragm Straight Through Type Unlined / Ductile Iron /
Flanged PN10/16

Diaphragm Straight Through Type Hard Rubber Lined / Ductile Iron /
Flanged PN10/16
Diaphragm Weir Type / Stainless Steel / Screwed BSP5



# **DIAPHRAGM VALVES**

### DIAPHRAGM WEIR TYPE UNLINED / DUCTILE IRON / SCREWED BSP FEMALE

VC204



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£51.96	64	0.8
3/4"	£56.21	83	1.2
Ι"	£71.58	108	2
1 1/4"	£92.78	121	3.5
I I/2"	£116.63	140	4
2"	£134.58	165	6

Please call the sales team for your discount on this product

VALVE TYPE	Diaphragm Weir Type Unlined
BODY MATERIAL	Ductile Iron
END CONNECTION	Screwed BSP Female
SEAT/SEAL	Standard Natural Rubber Diaphragm (Other Diaphragm Materials available)
RATED	I6 Bar
OPERATION	Handwheel
OTHER	Saunders Brand are available

Full specification sheet available on request

### DIAPHRAGM WEIR TYPE UNLINED / DUCTILE IRON / FLANGED PNI0/16

VC205



SIZE	PRICE	LENGTH MM	WEIGHT KG
Ι"	£115.82	127	3.5
/4"	£146.25	146	4.5
1 1/2"	£181.28	159	7.6
2"	£211.52	190	10.5
2 1/2"	£299.25	216	16
3"	£377.78	254	22
4"	£579.42	305	33
5"	£988.83	356	60
6"	£941.75	406	75

Please call the sales team for your discount on this product

VALVE TYPE	Diaphragm Weir Type Unlined
BODY MATERIAL	Ductile Iron
END CONNECTION	Flanged PN10/16 (ANSI 150/300, Table D/E also available), we also keep this item undrilled
SEAT/SEAL	Standard Natural Rubber Diaphragm (Other Diaphragm Materials available)
RATED	I6 Bar
OPERATION	Handwheel
OTHER	Saunders Brand, pneumatic and electric actuation also available.

Full specification sheet available on request

### ${\bf DIAPHRAGM\ WEIR\ TYPE\ HARD\ RUBBER\ LINED\ /\ DUCTILE\ IRON\ /\ FLANGED\ PNI0/I6}$

**VC206** 



SIZE	PRICE	LENGTH MM	WEIGHT KG
1"	£198.80	133	3.6
/4"	£276.53	152	4.6
1 1/2"	£292.44	165	7.6
2"	£363.54	196	10.6
2 1/2"	£524.93	222	16.76
3"	£565.50	260	22.2
4"	£850.14	313	33.2
6"	£1,517.82	414	75

Please call the sales team for your discount on this product

VALVE TYPE	Diaphragm Weir Type Hard Rubber Lined
BODY MATERIAL	Ductile Iron
END CONNECTION	Flanged PN10/16 (ANSI 150/300, Table D/E also available), we also keep this item undrilled
SEAT/SEAL	Standard Natural Rubber Diaphragm (Other Diaphragm Materials available)
RATED	16 Bar
OPERATION	Handwheel
OTHER	Saunders Brand, pneumatic and electric actuation also available.



### DIAPHRAGM STRAIGHT THROUGH TYPE UNLINED / DUCTILE IRON / FLANGED PNI0/16

**VC207** 



SIZE	PRICE	LENGTH MM	WEIGHT KG
Ι"	£220.75	127	3.5
1 1/2"	£254.48	159	6.5
2"	£278.21	190	10.5
2 1/2"	£425.42	216	16.7
3"	£499.53	254	22
4"	£845.34	305	33
6"	£1,273.01	406	75

Please call the sales team for your discount on this product

VALVE TYPE	Diaphragm Straight Through Type Unlined
BODY MATERIAL	Ductile Iron
END CONNECTION	Flanged PN10/16 (ANSI 150/300, Table D/E also available), we also keep this item undrilled
SEAT/SEAL	Standard Natural Rubber Diaphragm (Other Diaphragm Materials available)
RATED	16 Bar
OPERATION	Handwheel
OTHER	Saunders Brand, pneumatic and electric actuation also available.

Full specification sheet available on request

# DIAPHRAGM STRAIGHT THROUGH TYPE HARD RUBBER LINED / DUCTILE IRON / FLANGED PNI0/16

**VC208** 



SIZE	PRICE	LENGTH MM	WEIGHT KG
Ι"	£234.75	133	3.5
1 1/2"	£288.74	165	6.5
2"	£435.95	196	10.5
2 1/2"	£601.68	222	16.7
3"	£659.31	260	22
4"	£970.10	313	33

Please call the sales team for your discount on this product

VALVE TYPE	Diaphragm Straight Through Type Hard Rubber Lined
BODY MATERIAL	Ductile Iron
END CONNECTION	Flanged PN10/16 (ANSI 150/300, Table D/E also available), we also keep this item undrilled
SEAT/SEAL	Standard Natural Rubber Diaphragm (Other Diaphragm Materials available)
RATED	16 Bar
OPERATION	Handwheel
OTHER	Saunders Bran, pneumatic and electric actuation also available.

Full specification sheet available on request

### DIAPHRAGM WEIR TYPE / STAINLESS STEEL / SCREWED BSP

**VC**363



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/4"	£144.73	49	0.11
3/8"	£144.73	49	0.15
1/2"	£151.28	64	0.45
3/4"	£236.25	83	0.9
1"	£326.15	Ш	1.13
/4"	£488.98	125	1.8
1 1/2"	£497.13	145	2.7
2"	£625.55	168	5

Please call the sales team for your discount on this product

VALVE TYPE	Diaphragm Weir Type
BODY MATERIAL	Stainless Steel
END CONNECTION	Screwed BSP (NPT and welds ends also available)
SEAT/SEAL	Grade 425–Ethylene Propylene Rubber, Plastic Bonnet
OPERATION	Rising Handwheel
OTHER	Saunders Brand are available



Customer service is paramount, but don't just take our word for it

**Knowledge**-Great news! In a recent survey, 100% of our customers that took part were more than confident in us to deliver the products and services that they require.





# FIRE VALVES

Dry Riser / Bronze / Flanged Table D	3 Grooved Butterfly, UI List
Dry Riser / Bronze / Flanged PN16	EPDM Encapsulated
Dry Riser / Bronze / Screwed BSP	
Wet Riser Oblique Pattern / Bronze / Flanged Table D	
Wet Riser Oblique Pattern / Bronze / Flanged PN16	
Wet Riser Right Angle Pattern / Bronze / Flanged Table D	
Wet Riser Right Angle Pattern / Bronze / Flanged PN16	•
Wet Riser Horizontal Pattern / Bronze / Flanged Table D	
Wet Riser Horizontal Pattern / Bronze / Flanged PN16	
Wet Riser Bib Nose Pattern / Bronze / Flanged Table D	
Wet Riser Bib Nose Pattern / Bronze / Flanged PN16	
Gate, Resilient Wedge / Cast Iron / Flanged PN16	
Gate, Resilient Wedge / Ductile Iron / Flanged PN16	
Gate, Resilient Wedge, OS&Y / Ductile Iron / Flanged PN16	
Gate, Resilient Wedge, OS&Y / Ductile Iron / Flanged PN10/16,	ANSI 125
ANSI 125	
Gate, Resilient Wedge / Ductile Iron, Fusion Bonded Coated	Dry Barrel Fire Hydrant, 3
Interior and Exterior / Flanged PN10/16, ANSI 125	
Butterfly, UI Listed/FM Approved / Bronze / NPT Screwed	Underground Fire Hydrar
I 1/4 & I 12", Grooved 2" Only	
,	

Grooved Butterfly, UI Listed/FM Approved / Ductile Iron
EPDM Encapsulated58
Wafer Type Butterfly, UI/FM Approved / Ductile Iron EPDM Encapsulated
/ to Suit ANSI 125 and PNI6 Flanges
Wafer Type Butterfly, WOG / Cast Iron / to Suit ANSI 125, PN16
and Table D/E Flanges
Grooved Butterfly WOG / Ductile Iron FBE Coated / Grooved Ends 59
Swing Check Valve, Grooved / Ductile Iron Epoxy Coated
Red / Grooved
Swing Check Valve, Resilient Seated / Ductile Iron Fusion Bonded Epoxy
Coated Interior and Exterior / Flanged PN10/16, ANSI 12560
Double Door Check Valve / Cast Iron Body, Stainless Steel Disc / Wafer
to Suit ANSI 125
Y-Type Strainer / Cast Iron Body, Stainless Steel Screen / Wafer to Suit
ANSI 125
Y-Type Strainer / Ductile Iron Body, Stainless Steel Screen / Grooved61
Dry Barrel Fire Hydrant, 3-Way / Cast Iron Body / Flanged ANSI
or PNI6
Underground Fire Hydrant Type 2 / Ductile Iron Body / Flanged
Table D/F.



# FIRE VALVES

### DRY RISER / BRONZE / FLANGED TABLE D

VC266



SIZE	PRICE	LENGTH MM	WEIGHT KG
2 1/2"	£232.50	150	7.5

Please call the sales team for your discount on this product

VALVE TYPE	Dry Riser
BODY MATERIAL	Bronze
END CONNECTION	Flanged Table D, we also keep this item undrilled
OPERATION	Handwheel
OTHER	With Instantaneous Coupling

Full specification sheet available on request

### DRY RISER / BRONZE / FLANGED PNI6

VC267



SIZE	PRICE	LENGTH MM	WEIGHT KG
2 1/2"	£232.50	150	7

Please call the sales team for your discount on this product

VALVE TYPE	Dry Riser
BODY MATERIAL	Bronze
END CONNECTION	Flanged PN16, we also keep this item undrilled
OPERATION	Handwheel
OTHER	With Instantaneous Coupling

Full specification sheet available on request

### DRY RISER / BRONZE / SCREWED BSP

**VC268** 



SIZE	PRICE	LENGTH MM	WEIGHT KG
2 1/2"	£212.50	150	6

 ${\it Please \ call \ the \ sales \ team \ for \ your \ discount \ on \ this \ product}$ 

VALVE TYPE	Dry Riser
BODY MATERIAL	Bronze
END CONNECTION	Screwed BSP
OPERATION	Handwheel
OTHER	With Instantaneous Coupling

Full specification sheet available on request



### WET RISER OBLIQUE PATTERN / BRONZE / FLANGED TABLE D

VC269



SIZE	PRICE	LENGTH MM	WEIGHT KG
2 1/2"	£718.10	150	9
3"	£695.93	150	9

Please call the sales team for your discount on this product

VALVE TYPE	Wet Riser Oblique Pattern
BODY MATERIAL	Bronze
END CONNECTION	Flanged Table D, we also keep this item undrilled
OPERATION	Handwheel
OTHER	With Instantaneous Coupling

Full specification sheet available on request

### WET RISER OBLIQUE PATTERN / BRONZE / FLANGED PNI6

VC270



SIZE	PRICE	LENGTH MM	WEIGHT KG
2 1/2"	£718.10	150	9

Please call the sales team for your discount on this product

VALVE TYPE	Wet Riser Oblique Pattern
BODY MATERIAL	Bronze
END CONNECTION	Flanged PN16, we also keep this item undrilled
OPERATION	Handwheel
OTHER	With Instantaneous Coupling

Full specification sheet available on request

### WET RISER RIGHT ANGLE PATTERN / BRONZE / FLANGED TABLE D

**VC271** 



				•
SIZE	PRICE	LENGTH MM	WEIGHT KG	ı
2 1/2"	£954.08	110	9	
3"	£918.08	110	9	

Please call the sales team for your discount on this product

VALVE TYPE	Wet Riser Right Angle Pattern
BODY MATERIAL	Bronze
END CONNECTION	Flanged Table D, we also keep this item undrilled
OPERATION	Handwheel
OTHER	With Instantaneous Coupling

# FIRE VALVES

### WET RISER RIGHT ANGLE PATTERN / BRONZE / FLANGED PN16

VC272



SIZE	PRICE	LENGTH MM	WEIGHT KG
2 1/2"	£954.08	110	9

Please call the sales team for your discount on this product

VALVE TYPE	Wet Riser Right Angle Pattern
BODY MATERIAL	Bronze
END CONNECTION	Flanged PN16, we also keep this item undrilled
OPERATION	Handwheel
OTHER	With Instantaneous Coupling

Full specification sheet available on request

### WET RISER HORIZONTAL PATTERN / BRONZE / FLANGED TABLE D

VC273



SIZE	PRICE	LENGTH MM	WEIGHT KG
2 1/2"	£722.30	190	9

Please call the sales team for your discount on this product

VALVE TYPE	Wet Riser Horizontal Pattern
BODY MATERIAL	Bronze
END CONNECTION	Flanged Table D, we also keep this item undrilled
OPERATION	Handwheel
OTHER	With Instantaneous Coupling

Full specification sheet available on request

### WET RISER HORIZONTAL PATTERN / BRONZE / FLANGED PN16

VC274



SIZE	PRICE	LENGTH MM	WEIGHT KG
2 1/2"	£701.65	190	9

 $\label{product} \textit{Please call the sales team for your discount on this product}$ 

VALVE TYPE	Wet Riser Horizontal Pattern
BODY MATERIAL	Bronze
END CONNECTION	Flanged PN16, we also keep this item undrilled
OPERATION	Handwheel
OTHER	With Instantaneous Coupling



### WET RISER BIB NOSE PATTERN / BRONZE / FLANGED TABLE D

VC275



SIZE	PRICE	LENGTH MM	WEIGHT KG
2 1/2"	£927.23	225	9
3"	£892.53	225	9

Please call the sales team for your discount on this product

VALVE TYPE	Wet Riser Bib Nose Pattern
BODY MATERIAL	Bronze
END CONNECTION	Flanged Table D, we also keep this item undrilled
OPERATION	Handwheel
OTHER	With Instantaneous Coupling

Full specification sheet available on request

### WET RISER BIB NOSE PATTERN / BRONZE / FLANGED PNI6

VC276



SIZE	PRICE	LENGTH MM	WEIGHT KG
2 1/2"	£892.45	225	9

Please call the sales team for your discount on this product

VALVE TYPE	Wet Riser Bib Nose Pattern
BODY MATERIAL	Bronze
END CONNECTION	Flanged PN16, we also keep this item undrilled
OPERATION	Handwheel
OTHER	With Instantaneous Coupling

Full specification sheet available on request

### GATE, RESILIENT WEDGE / CAST IRON / FLANGED PN16

VC340



SIZE	PRICE	LENGTH MM	WEIGHT KG
2 1/2"	£217.50	190	19
3"	£255.00	203	21
4"	£277.50	229	28
6"	£442.50	267	50
8"	£840.00	292	75
10"	£1,320.00	330	122
12"	£1,575.00	356	140
14"	POA		275
16"	POA		600

Please call the sales team for your discount on this product

VALVE TYPE	Gate, Resilient Wedge
BODY MATERIAL	Cast Iron
END CONNECTION	Flanged PN16, we also keep this item undrilled
SEAT/SEAL	EPDM Coated Wedge
RATED	I6 Bar
OPERATION	Handwheel
OTHER	Non-Rising Stem, Position Indicator

# DRY AND WET RISER VALVES

### GATE, RESILIENT WEDGE / DUCTILE IRON / FLANGED PN16

**VC341** 



SIZE	PRICE	LENGTH MM	WEIGHT KG
3"	£450.00	203	31
4"	£540.00	229	55
6"	£840.00	267	81
8"	£1,305.00	292	115
10"	£1,890.00	330	186
12"	£2,625.00	356	290

Please call the sales team for your discount on this product

VALVE TYPE	Gate, Resilient Wedge
BODY MATERIAL	Ductile Iron
END CONNECTION	Flanged PN16, we also keep this item undrilled
SEAT/SEAL	EPDM O-Ring
RATED	17.2 Bar
OPERATION	Handwheel
OTHER	Non-Rising Stem, UL Listed

Full specification sheet available on request

### GATE, RESILIENT WEDGE, OS&Y / DUCTILE IRON / FLANGED PN16

VC342



SIZE	PRICE	LENGTH MM	WEIGHT KG
2 1/2"	£442.50	191	25.5
3"	£510.00	203	31.5
4"	£585.00	229	47
6"	£900.00	267	78.5
8"	£1,410.00	292	110
10"	£1,950.00	330	195
12"	£2,962.50	356	310

Please call the sales team for your discount on this product

Gate, Resilient Wedge, OS&Y
Ductile Iron
Flanged PN16, we also keep this item undrilled
EPDM O-Ring
17.2 Bar
Handwheel
UL Listed, FM Approved 4"-8"

Full specification sheet available on request

### GATE, RESILIENT WEDGE, OS&Y / DUCTILE IRON / FLANGED PN10/16, ANSI 125

**VC343** 



SIZE	PRICE	LENGTH MM
2 1/2"	POA	191
3"	POA	203
4"	POA	229
5"	POA	254
6"	POA	267
8"	POA	292
10"	POA	356
12"	POA	356

Please call the sales team for your discount on this product

VALVE TYPE	Gate, Resilient Wedge, OS&Y
BODY MATERIAL	Ductile Iron
END CONNECTION	Flanged PN10/16, ANSI 125, we also keep this item undrilled
SEAT/SEAL	EPDM Gasket, Graphite Packing
RATED	20.7 Bar
OPERATION	Handwheel
OTHER	UL Listed, FM Approved
F. H	



# GATE, RESILIENT WEDGE / DUCTILE IRON, FUSION BONDED COATED INTERIOR AND EXTERIOR / FLANGED PNI0/16, ANSI 125

VC344



SIZE	PRICE	LENGTH MM	WEIGHT KG
4"	POA	229	55
5"	POA	254	
6"	POA	267	81
8"	POA	292	115
10"	POA	330	186
12"	POA	356	290

Please call the sales team for your discount on this product

VALVE TYPE	Gate, Resilient Wedge
BODY MATERIAL	Ductile Iron, Fusion Bonded Coated Interior and Exterior
END CONNECTION	Flanged PN10/16, ANSI 125, we also keep this item undrilled
SEAT/SEAL	EPDM O-Ring
RATED	20.7 Bar
OPERATION	Handwheel
OTHER	Non-Rising Stem, UL Listed FM Approved

Full specification sheet available on request

# BUTTERFLY, UL LISTED/FM APPROVED / BRONZE / NPT SCREWED | 1/4 & 1 12", GROOVED 2"ONLY

**VC338** 



SIZE	PRICE	LENGTH MM	WEIGHT KG
/4"	£262.50	67	1.7
1 1/2"	£315.00	73	1.9
2"	£367.50	114	2.3

Please call the sales team for your discount on this product

VALVE TYPE	Butterfly, UL Listed/FM Approved
BODY MATERIAL	Bronze
END CONNECTION	NPT Screwed   I/4 &   12", Grooved 2"Only
DISC	Bronze EPDM Encapsulated
SEAT/SEAL	EPDM
RATED	12 Bar
OPERATION	Factory Installed UL Listed Double Tamper Switch

Full specification sheet available on request

# GROOVED BUTTERFLY, UL LISTED/FM APPROVED / DUCTILE IRON EPDM ENCAPSULATED

VC339



SIZE	PRICE	LENGTH MM	WEIGHT KG
2 1/2"	£375.00	96	9.5
3"	£390.00	96	10
4"	£450.00	115	12
6"	£622.50	132	17
8"	£840.00	147	22

Please call the sales team for your discount on this product

VALVE TYPE	Grooved Butterfly, UL Listed/FM Approved
BODY MATERIAL	Ductile Iron EPDM Encapsulated
DISC	Ductile Iron EPDM Encapsulated
SEAT/SEAL	EPDM
RATED	20.7 Bar
OPERATION	Gear box with Factory Installed UL Listed Double Tamper Switch
OTHER	Size 200mm UL Listed Only

# FIRE VALVES

# WAFER TYPE BUTTERFLY, UL/FM APPROVED / DUCTILE IRON EPDM ENCAPSULATED / TO SUIT ANSI 125 AND PNI6 FLANGES

**VC335** 



SIZE	PRICE	LENGTH MM	WEIGHT KG
2 1/2"	£345.00	46	8.3
3"	£360.00	46	9.2
4"	£420.00	52	10.1
6"	£577.50	56	14.5
8"	£787.50	58	19.5

Please call the sales team for your discount on this product

VALVE TYPE	Wafer Type Butterfly, UL/FM Approved
BODY MATERIAL	Ductile Iron EPDM Encapsulated
END CONNECTION	To suit ANSI 125 and PN16 Flanges, we also keep this item undrilled
DISC	Ductile Iron Nylon Coated
SEAT/SEAL	EPDM
RATED	20.7 Bar
OPERATION	Handwheel, Factory Installed Double Tamper Switch
OTHER	Size 200mm UL listed only

Full specification sheet available on request

# WAFER TYPE BUTTERFLY, WOG / CAST IRON / TO SUIT ANSI 125, PN 16 AND TABLE D/E FLANGES

VC336



PRICE	LENGTH MM	WEIGHT KG
£217.50	42	8.3
£217.50	45	8.3
£225.00	45	9.1
£247.50	50	10.2
£352.50	56	13.9
£480.00	60	24.7
£720.00	68	33.4
POA	80	42.3
POA	80	50.6
	£217.50 £217.50 £225.00 £247.50 £352.50 £480.00 £720.00 POA	£217.50     42       £217.50     45       £225.00     45       £247.50     50       £352.50     56       £480.00     60       £720.00     68       POA     80

Please call the sales team for your discount on this product

VALVE TYPE	Wafer Type Butterfly, WOG
BODY MATERIAL	Cast Iron
END CONNECTION	To suit ANSI 125, PN16 and Table D/E Flanges, we also keep this item undrilled
DISC	Stainless Steel
SEAT/SEAL	EPDM
RATED	I6 Bar
OPERATION	Gearbox with Position Indicator and Tamper Switch

Full specification sheet available on request

### GROOVED BUTTERFLY WOG / DUCTILE IRON FBE COATED / GROOVED ENDS

**VC337** 



SIZE	PRICE	LENGTH MM	WEIGHT KG
2 1/2"	£270.00	96	7.2
3"	£285.00	96	7.8
4"	£315.00	118	9.8
6"	£450.00	145	15.7
8"	£607.50	134	24.1
10"	£900.00	160	37
12"	POA	166	43.3

Please call the sales team for your discount on this product

VALVE TYPE	Grooved Butterfly WOG
BODY MATERIAL	Ductile Iron FBE Coated
END CONNECTION	Grooved ends
DISC	Ductile Iron EPDM Encapsulated
SEAT/SEAL	EPDM
RATED	20 Bar
OPERATION	Gearbox with Position Indicator and Tamper Switch



### SWING CHECK VALVE, GROOVED / DUCTILE IRON EPOXY COATED RED / GROOVED

VC345



SIZE	PRICE	LENGTH MM	WEIGHT KG
2"	£198.75	169	3.6
2 1/2"	£206.25	183	3.8
3"	£247.50	198	6.2
4"	£307.50	218	9
6"	£465.00	270	26
8"	£840.00	325	32

Please call the sales team for your discount on this product

VALVE TYPE	Swing Check Valve, Grooved
BODY MATERIAL	Ductile Iron Epoxy Coated Red
END CONNECTION	Grooved
SEAT/SEAL	304 Stainless Steel Seat Ring
RATED	20.7 Bar
OTHER	FM Approved(all Sizes), UL Listed(2 1/2"to 8")

Full specification sheet available on request

# SWING CHECK VALVE, RESILIENT SEATED / DUCTILE IRON FUSION BONDED EPOXY COATED INTERIOR AND EXTERIOR / FLANGED PNI0/16, ANSI 125

VC346



SIZE	PRICE	LENGTH MM
2"	£262.50	203
2 1/2"	£330.00	254
3"	£408.75	279
4"	£600.00	330
6"	£948.75	406
8"	£1,477.50	495
10"	£2,505.00	559
12"	£3,930.00	660

Please call the sales team for your discount on this product

VALVE TYPE	Swing Check Valve, Resilient Seated
BODY MATERIAL	Ductile Iron Fusion Bonded Epoxy Coated Interior and Exterior
END CONNECTION	Flanged PN10/16, ANSI 125, we also keep this item undrilled
SEAT/SEAL	Bronze Seat Ring
RATED	20.7 Bar
OTHER	FM Approved, UL Listed

Full specification sheet available on request

# DOUBLE DOOR CHECK VALVE / CAST IRON BODY, STAINLESS STEEL DISC / WAFER TO SUIT ANSI 125

VC347



SIZE	PRICE	LENGTH MM
4"	POA	93
6"	POA	105
8"	POA	121
10"	POA	154
12"	POA	187

Please call the sales team for your discount on this product

Double Door Check Valve
Cast Iron Body, Stainless Steel Disc
Wafer to suit ANSI 125
EPDM Seat
12 Bar
UL Listed

# FIRE VALVES

# Y-TYPE STRAINER / CAST IRON BODY, STAINLESS STEEL SCREEN / WAFER TO SUIT ANSI 125

**VC348** 



SIZE	PRICE	LENGTH MM	WEIGHT KG
2 1/2"	£232.50	237	16
3"	£273.75	295	23.5
4"	£390.00	352	34
6"	£810.00	470	70
8"	£1,140.00	543	110
10"	£2,070.00	660	185
12"	£2,595.00	762	295

Please call the sales team for your discount on this product

VALVE TYPE	Y-T
BODY MATERIAL	Cas
END CONNECTION	Wa
SEAT/SEAL	PTI
RATED	121

Y-Type Strainer
Cast Iron Body, Stainless Steel Screen
Wafer to suit ANSI 125
PTFE/Graphite Gasket
12 Bar

Full specification sheet available on request

# Y-TYPE STRAINER / DUCTILE IRON BODY, STAINLESS STEEL SCREEN / GROOVED

VC349



SIZE	PRICE	LENGTH MM	WEIGHT KG
4"	£438.75	375	26
6"	£922.50	502	65
8"	£1,290.00	640	113
10"	£2,325.00	710	196

Please call the sales team for your discount on this product

VALVE TYPE	Y-Type Strainer
BODY MATERIAL	Ductile Iron Body, Stainless Steel Screen
END CONNECTION	Grooved
SEAT/SEAL	PTFE/Graphite Gasket
RATED	12 Bar

Full specification sheet available on request

### DRY BARREL FIRE HYDRANT, 3-WAY / CAST IRON BODY / FLANGED ANSI OR PNI6

VC350



SIZE	PRICE	LENGTH MM	WEIGHT KG
5 1/4"	£3,337.50	N/A	TBA

Please call the sales team for your discount on this product

VALVE TYPE	Dry Barrel Fire Hydrant, 3-way
BODY MATERIAL	Cast Iron Body
END CONNECTION	Flanged ANSI or PN16, we also keep this item undrilled
SEAT/SEAL	Resilient Seated, Bronze
DATED	250 BSI

Full specification sheet available on request

# UNDERGROUND FIRE HYDRANT TYPE 2 / DUCTILE IRON BODY / FLANGED TABLE D/E

VC351



SIZE	PRICE	LENGTH MM	WEIGHT KG
3"	£258.75	283	12.5

Please call the sales team for your discount on this product

VALVE TYPE	Underground Fire Hydrant Type 2
BODY MATERIAL	Ductile Iron Body
END CONNECTION	Flanged Table D/E (PN25 available), we also keep this item undrilled
SEAT/SEAL	NBR
RATED	I6 Bar



# FLAME ARRESTORS

Flame Arrestor / Carbon Steel / Screwed NPT or BSP63	Flame Arrestor / Carbon Steel / Flanged64
Flame Arrestor / Stainless Steel / Screwed NPT or BSP63	Flame Arrestor / Stainless Steel / Flanged



# FLAME ARRESTORS

# FLAME ARRESTOR / CARBON STEEL / SCREWED NPT OR BSP

**VC451** 



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	On Request	On Request	On Request
3/4"	On Request	On Request	On Request

For prices and other details, please contact the office and we will ensure the correct product is specified for duty

BODY MATERIAL END CONNECTION Screwed NPT or BSP

Flame Arrestor Carbon Steel

Full specification sheet available on request

### FLAME ARRESTOR / CARBON STEEL / SCREWED NPT OR BSP

**VC452** 



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	On Request	On Request	On Request
3/4"	On Request	On Request	On Request
3/4"	On Request	On Request	On Request

For prices and other details, please contact the office and we will ensure the correct product is specified for duty

VALVE TYPE BODY MATERIAL END CONNECTION Screwed NPT or BSP OPERATION

Flame Arrestor Carbon Steel End-of-Line

Full specification sheet available on request

# FLAME ARRESTOR / STAINLESS STEEL / SCREWED NPT OR BSP

**VC453** 



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	On Request	On Request	On Request
3/4"	On Request	On Request	On Request

For prices and other details, please contact the office and we will ensure the correct product is specified for duty

VALVE TYPE BODY MATERIAL END CONNECTION OPERATION

Flame Arrestor Stainless Steel Screwed NPT or BSP Inline



# FLAME ARRESTOR / STAINLESS STEEL / SCREWED NPT OR BSP

VC454



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	On Request	On Request	On Request
3/4"	On Request	On Request	On Request

For prices and other details, please contact the office and we will ensure the correct product is specified for duty

VALVE TYPE
BODY MATERIAL
END CONNECTION
OPERATION

Flame Arrestor Stainless Steel Screwed NPT or BSP End-of-Line

Full specification sheet available on request

### FLAME ARRESTOR / CARBON STEEL / FLANGED

**VC455** 



VALVE TYPE	Flame Arrestor
BODY MATERIAL	Carbon Steel
END CONNECTION	Flanged
OPERATION	Inline

Full specification sheet available on request

SIZE	PRICE	LENGTH MM	WEIGHT KG			
1/2"	On Request	On Request	On Request			
3/4"	On Request	On Request	On Request			
Ι"	On Request	On Request	On Request			
/4"	On Request	On Request	On Request			
1 1/2"	On Request	On Request	On Request			
2"	On Request	On Request	On Request			
2 1/2"	On Request	On Request	On Request			
3"	On Request	On Request	On Request			
4"	On Request	On Request	On Request			
5"	On Request	On Request	On Request			
6"	On Request	On Request	On Request			
8"	On Request	On Request	On Request			
10"	On Request	On Request	On Request			
12"	On Request	On Request	On Request			
14"	On Request	On Request	On Request			
16"	On Request	On Request	On Request			
For brices and other	For Prices and other details, bloggs contact the office and					

For prices and other details, please contact the office and we will ensure the correct product is specified for duty

# FLAME ARRESTOR / CARBON STEEL / FLANGED

VC456



VALVE TYPE	Flame Arrestor
BODY MATERIAL	Carbon Steel
END CONNECTION	Flanged
OPERATION	End-Of-Line

Full	specification	sheet	available	on	request
					7

SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	On Request	On Request	On Request
3/4"	On Request	On Request	On Request
Ι"	On Request	On Request	On Request
/4"	On Request	On Request	On Request
1 1/2"	On Request	On Request	On Request
2"	On Request	On Request	On Request
2 1/2"	On Request	On Request	On Request
3"	On Request	On Request	On Request
4"	On Request	On Request	On Request
5"	On Request	On Request	On Request
6"	On Request	On Request	On Request
8"	On Request	On Request	On Request
10"	On Request	On Request	On Request
12"	On Request	On Request	On Request
14"	On Request	On Request	On Request
16"	On Request	On Request	On Request

For prices and other details, please contact the office and we will ensure the correct product is specified for duty

# FLAME ARRESTORS

### FLAME ARRESTOR / STAINLESS STEEL / FLANGED

VC457



VALVE TYPE
BODY MATERIAL
END CONNECTION
OPERATION

Flame Arrestor Stainless Steel Flanged Inline

Full specification sheet available on request

SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	On Request	On Request	On Request
3/4"	On Request	On Request	On Request
["	On Request	On Request	On Request
/4"	On Request	On Request	On Request
1 1/2"	On Request	On Request	On Request
2"	On Request	On Request	On Request
2 1/2"	On Request	On Request	On Request
3"	On Request	On Request	On Request
4"	On Request	On Request	On Request
5"	On Request	On Request	On Request
6"	On Request	On Request	On Request
8"	On Request	On Request	On Request
10"	On Request	On Request	On Request
12"	On Request	On Request	On Request
14"	On Request	On Request	On Request
16"	On Request	On Request	On Request

For prices and other details, please contact the office and we will ensure the correct product is specified for duty

### FLAME ARRESTOR / STAINLESS STEEL / FLANGED

VC458



VALVE TYPE
BODY MATERIAL
<b>END CONNECTION</b>
OPER ATION

Flame Arrestor Stainless Steel Flanged End-Of-Line

Full specification sheet available on request

SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	On Request	On Request	On Request
3/4"	On Request	On Request	On Request
1"	On Request	On Request	On Request
1 1/4"	On Request	On Request	On Request
1 1/2"	On Request	On Request	On Request
2"	On Request	On Request	On Request
2 1/2"	On Request	On Request	On Request
3"	On Request	On Request	On Request
4"	On Request	On Request	On Request
5"	On Request	On Request	On Request
6"	On Request	On Request	On Request
8"	On Request	On Request	On Request
10"	On Request	On Request	On Request
12"	On Request	On Request	On Request
14"	On Request	On Request	On Request
16"	On Request	On Request	On Request

For prices and other details, please contact the office and we will ensure the correct product is specified for duty

# FLAME ARRESTOR / CARBON STEEL / FLANGED





VALVE TYPE
BODY MATERIAL
END CONNECTION
OPERATION

Flame Arrestor Carbon Steel Flanged Inline Detonation

Full specification sheet available on request

SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	On Request	On Request	On Request
3/4"	On Request	On Request	On Request
["	On Request	On Request	On Request
1 1/4"	On Request	On Request	On Request
1 1/2"	On Request	On Request	On Request
2"	On Request	On Request	On Request
2 1/2"	On Request	On Request	On Request
3"	On Request	On Request	On Request
4"	On Request	On Request	On Request
5"	On Request	On Request	On Request
6"	On Request	On Request	On Request
8"	On Request	On Request	On Request

For prices and other details, please contact the office and we will ensure the correct product is specified for duty

# FLAME ARRESTOR / STAINLESS STEEL / FLANGED



VALVE TYPE
BODY MATERIAL
END CONNECTION
OPERATION

Flame Arrestor Stainless Steel Flanged Inline Detonation

Full specification sheet available on request

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SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	On Request	On Request	On Request
3/4"	On Request	On Request	On Request
["	On Request	On Request	On Request
1 1/4"	On Request	On Request	On Request
I I/2"	On Request	On Request	On Request
2"	On Request	On Request	On Request
2 1/2"	On Request	On Request	On Request
3"	On Request	On Request	On Request
4"	On Request	On Request	On Request
5"	On Request	On Request	On Request
6"	On Request	On Request	On Request
8"	On Request	On Request	On Request

For prices and other details, please contact the office and we will ensure the correct product is specified for duty



# GATE VALVES

Gate / Brass / Screwed BSPT67	Gate DIN 3352 / Ductile Iron, Epoxy Coated / Flanged PN16
Gate / Brass / Screwed NPT Female	Gate / Cast Iron / Flanged PN10/16
Gate / Brass / Screwed BSPT Female / Lockshield	Gate / Cast Iron / Flanged ANSI 150
Gate / Bronze LG2 / Screwed BSP68	Gate BS 5150 / Cast Iron / Flanged PN16
Gate / Bronze / Screwed BSP Female / Lockshield	Gate / Cast Iron / Flanged Table E
Gate / Bronze / Flanged Available In PN6, PN10, PN16, ANSI 150 and	Gate / Cast Iron / Flanged Table D
Table D/E	Gate BS 5163 / Ductile Iron, Epoxy Coated / Flanged PN10/167
Gate / Gunmetal / Flanged PN16	Gate / Cast Iron / Can Be Drilled to Suit PN6/10/16, ANSI 150, Table
Gate / Gunmetal / Flanged ANSI 15069	D/E, JIS 5K/10K
Gate / Stainless Steel / Screwed BSP Female69	Gate / Forged Steel A105 / Screwed BSP Female
Gate / Stainless Steel / Flanged PN1670	Gate / Cast Steel (WCB) / Flanged ANSI I50
Gate / Stainless Steel / Flanged ANSI 15070	Gate / Cast Steel (WCB) / Flanged ANSI 300
Gate / Cast Iron / Flanged PN10/1670	Gate / Cast Steel (WCB) / Flanged PN16
Gate BS 5163 / Cast Iron Epoxy Coated / Flanged PN16	Gate / Cast Steel / Flanged PN40 upto 6", PN25 upto 12"



# **GATE VALVES**

### **GATE / BRASS / SCREWED BSPT**

VC64



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/4"	£5.30	35	0.18
3/8"	£5.30	36	0.18
1/2"	£5.87	42	0.2
3/4"	£7.99	45	0.32
Ι"	£10.61	51	0.42
/4"	£16.23	55	0.66
1 1/2"	£21.11	58	0.86
2"	£30.09	64	1.28
2 1/2"	£51.65	77	2.5
3"	£70.34	85	3.5
4"	£123.99	100	5.5

Please call the sales team for your discount on this product

VALVE TYPE	Gate
BODY MATERIAL	Brass
END CONNECTION	Screwed BSPT
RATED	PN20
OPERATION	Handwheel

Full specification sheet available on request

# GATE / BRASS / SCREWED NPT FEMALE

VC65



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/4"	£7.25	35	0.18
3/8"	£7.25	36	0.18
1/2"	£7.61	42	0.2
3/4"	£10.70	45	0.32
["	£14.34	51	0.42
/4"	£22.08	55	0.66
1 1/2"	£28.35	58	0.86
2"	£43.58	64	1.28

Please call the sales team for your discount on this product

VALVE TYPE	Gate
BODY MATERIAL	Brass
END CONNECTION	Screwed NPT Female
RATED	Class 150
OPERATION	Handwheel

Full specification sheet available on request

# GATE / BRASS / SCREWED BSPT FEMALE / LOCKSHIELD

VC66



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£29.12	52	0.27
3/4"	£35.90	53	0.37
Ι"	£54.06	65	0.64
/4"	£81.33	73	0.99
1 1/2"	£117.14	76	1.28
2"	£162.09	90	2

Please call the sales team for your discount on this product

VALVE TYPE	Gate
BODY MATERIAL	Brass
END CONNECTION	Screwed BSPT Female
RATED	PN20
OPERATION	Lockshield



### **GATE / BRONZE LG2 / SCREWED BSP**

VC68



CIZE	DDICE	LENCTHMM	WEIGHT KC
SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£12.66	46	0.31
3/4"	£17.81	50	0.42
Ι"	£22.76	55	0.54
/4"	£33.29	61	0.76
1 1/2"	£45.02	63	1.03
2"	£65.66	71	1.51
2 1/2"	£123.32	88	2.7
3"	£182.37	99	4.08
4"	£311.07	118	9.62

Please call the sales team for your discount on this product

VALVE TYPE	
BODY MATERIAL	
END CONNECTION	
RATED	
OPERATION	

Gate Bronze LG2 Screwed BSP PN20 Handwheel

Full specification sheet available on request

### GATE / BRONZE / SCREWED BSP FEMALE / LOCKSHIELD

VC6



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£12.66	46	0.31
3/4"	£17.81	50	0.42
1"	£22.76	55	0.54
/4"	£33.29	61	0.76
1 1/2"	£45.02	63	1.03
2"	£65.66	71	1.51

Please call the sales team for your discount on this product

VALVE TYPE	Gate
BODY MATERIAL	Bronze
END CONNECTION	Screwed BSP
RATED	PN20
OPER ATION	Lockshield

Full specification sheet available on request

# GATE / BRONZE / FLANGED AVAILABLE IN PN6, PN10, PN16, ANSI 150 AND TABLE D/E

Female

VC67



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£99.98	75	1.2
3/4"	£108.45	85	1.78
["	£127.10	87	2.2
I I/4"	£179.31	99	3.4
1 1/2"	£229.17	113	4.2
2"	£296.10	125	5.6
2 1/2"	£474.95	145	7.4
3"	£576.74	162	10
4"	£1,006.35	190	15.8

 ${\it Please \ call \ the \ sales \ team \ for \ your \ discount \ on \ this \ product}$ 

VALVE TYPE	Gate
BODY MATERIAL	Bronze
END CONNECTION	Flanged available in PN6, PN10, PN16, ANSI 150 and Table D/E, we also keep this item undrilled
RATED	PNI6
OPERATION	Handwheel
OTHER	Prices apply to PN16 Drilled

# **GATE VALVES**

# GATE / GUNMETAL / FLANGED PN16

VC373



SIZE	PRICE	LENGTH MM	WEIGHT KG
2"	£757.50	178	On request
2 1/2"	£925.00	190	On request
3"	£1,262.50	203	On request
4"	£1,507.55	229	On request
5"	£2,212.50	254	On request
6"	£3,237.50	267	On request

Please call the sales team for your discount on this product

VALVE TYPE	Gate
BODY MATERIAL	Gunmetal
END CONNECTION	Flanged PN16, we also keep this item undrilled
SEAT/SEAL	Gunmetal
RATED	16 Bar
OPERATION	Handwheel operated
OTHER	Bolted Bonnet, Inside Screw, Non-Rising Stem

Full specification sheet available on request

# GATE / GUNMETAL / FLANGED ANSI 150

VC374



SIZE	PRICE	LENGTH MM	WEIGHT KG
2"	£757.50	178	On request
2 1/2"	£925.00	190	On request
3"	£1,262.50	203	On request
4"	£1,507.55	229	On request
5"	£2,212.50	254	On request
6"	£3,237.50	267	On request

 ${\it Please \ call \ the \ sales \ team \ for \ your \ discount \ on \ this \ product}$ 

VALVE TYPE	Gate
BODY MATERIAL	Gunmetal
END CONNECTION	Flanged ANSI 150, we also keep this item undrilled
SEAT/SEAL	Gunmetal
RATED	150lb
OPERATION	Handwheel operated
OTHER	Bolted Bonnet, Inside Screw, Non-Rising Stem

Full specification sheet available on request

# GATE / STAINLESS STEEL / SCREWED BSP FEMALE

VC70



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£52.77	54	0.4
3/4"	£62.13	58	0.5
["	£78.30	65	0.75
1 1/4"	£97.02	74	1.1
1 1/2"	£144.32	78	1.45
2"	£174.87	87	2.1

 ${\it Please \ call \ the \ sales \ team \ for \ your \ discount \ on \ this \ product}$ 

VALVE TYPE	Gate
BODY MATERIAL	Stainless Steel
END CONNECTION	Screwed BSP Female
RATED	200 PSI
OPERATION	Handwheel
OTHER	Inside Screw, Non-Rising Stem



# GATE / STAINLESS STEEL / FLANGED PNI6

VC7I



SIZE	PRICE	LENGTH MM	WEIGHT KG
JIZL			
1"	£342.21	127	4.72
1 1/2"	£436.68	165	7.96
2"	£470.27	178	11.6
2 1/2"	£725.55	190	16.2
3"	£800.31	203	22
4"	£1,115.25	229	33
6"	£1,830.62	267	63.5

Please call the sales team for your discount on this product

VALVE TYPE	Gate
BODY MATERIAL	Stainless Steel
END CONNECTION	Flanged PN16, we also keep this item undrille
SEAT/SEAL	PTFE Gasket
OPERATION	Handwheel
OTHER	Bolted Bonnet, Rising Stem

Full specification sheet available on request

# **GATE / STAINLESS STEEL / FLANGED ANSI 150**

VC72



Т				
	SIZE	PRICE	LENGTH MM	WEIGHT KG
	Ι"	£342.21	127	4.72
	1 1/2"	£436.68	165	7.96
	2"	£470.27	178	П
	3"	£800.31	203	21.08
	4"	£1,115.25	229	32.67
	6"	£2.042.61	267	56.52

Please call the sales team for your discount on this product

VALVE TYPE	Gate
BODY MATERIAL	Stainless Steel
END CONNECTION	Flanged ANSI 150, we also keep this item undrilled
SEAT/SEAL	PTFE Gasket
OPERATION	Handwheel
OTHER	Bolted Bonnet, Rising Stem

Full specification sheet available on request

# GATE / CAST IRON / FLANGED PN10/16

VC73



SIZE	PRICE	LENGTH MM	WEIGHT KG
1 1/2"	£119.81	140	9
2"	£138.62	150	П
2 1/2"	£172.68	170	15
3"	£202.05	180	18
4"	£256.07	190	22
5"	£363.84	200	31
6"	£426.39	210	40
7"	£683.63	220	51
8"	£683.63	230	60
10"	£1,144.80	250	85
12"	£1,487.76	270	135

Please call the sales team for your discount on this product

VALVE TYPE	Gate
BODY MATERIAL	Cast Iron
END CONNECTION	Flanged PN10/16, we also keep this item undrilled
SEAT/SEAL	Cast Brass Seat
RATED	PNI0
OPERATION	Handwheel
OTHER	Inside Screw, Non-Rising Stem

# **GATE VALVES**

# GATE BS 5163 / CAST IRON EPOXY COATED / FLANGED PN16

**VC78** 



SIZE	PRICE	LENGTH MM	WEIGHT KG
2"	£217.38	178	13
2 1/2"	£236.55	190	16
3"	£259.58	203	21.5
4"	£334.23	229	26
6"	£563.60	267	52
8"	£950.18	292	80

Please call the sales team for your discount on this product

VALVE TYPE	Gate BS 5163
BODY MATERIAL	Cast Iron Epoxy Coated
END CONNECTION	Flanged PN16, we also keep this item undrilled
SEAT/SEAL	Bronze Trim
RATED	I6 Bar
OPERATION	Handwheel operated
OTHER	Inside Screw, Non Return, Water-Works use

Full specification sheet available on request

# GATE DIN 3352 / DUCTILE IRON, EPOXY COATED / FLANGED PNI6

VC80



SIZE	PRICE	LENGTH MM	WEIGHT KG
2"	£126.72	150	П
2 1/2"	£150.21	170	14
3"	£180.57	180	17
4"	£218.33	190	21
5"	£346.77	200	29
6"	£369.60	210	35
8"	£649.44	230	53
10"	£971.25	250	78
12"	£1,373.46	270	102

Please call the sales team for your discount on this product

VALVE TYPE	Gate DIN 3352
BODY MATERIAL	Ductile Iron, Epoxy Coated
END CONNECTION	Flanged PN16, we also keep this item undrilled
SEAT/SEAL	Resilient Seated
OPERATION	Handwheel operated
OTHER	Inside Screw, Non-Rising Stem, Water-Works use

Full specification sheet available on request

# GATE / CAST IRON / FLANGED PNI0/16

VC81



SIZE	PRICE	LENGTH MM	WEIGHT KG
1 1/2"	£90.08	140	10.4
2"	£105.53	150	П
2 1/2"	£134.40	170	12.8
3"	£150.35	180	16.7
4"	£202.64	190	23.5
5"	£268.26	200	36
6"	£340.77	210	43
8"	£525.38	230	63
10"	£917.37	250	97
12"	£1,175.90	270	132

 ${\it Please \ call \ the \ sales \ team \ for \ your \ discount \ on \ this \ product}$ 

VALVE TYPE	Gate
BODY MATERIAL	Cast Iron
END CONNECTION	Flanged PN10/16, we also keep this item undrilled
SEAT/SEAL	Cast Brass Seat
RATED	16 Bar
OPERATION	Handwheel
OTHER	Inside Screw, Non-Rising Stem



# GATE / CAST IRON / FLANGED ANSI 150

VC74



SIZE	PRICE	LENGTH MM	WEIGHT KG
2"	£218.33	178	12
3"	£229.55	203	22
4"	£390.50	229	30
6"	£771.51	267	53
8"	£1,341.27	292	83
10"	£2,553.54	330	125
12"	£2,904.90	356	171

Please call the sales team for your discount on this product

VALVE TYPE	Gate
BODY MATERIAL	Cast Iron
END CONNECTION	Flanged ANSI 150, we also keep this item undrilled
SEAT/SEAL	Cast Bronze Wedge
RATED	13 Bar
OPERATION	Handwheel
OTHER	Non-Rising Stem

Full specification sheet available on request

### GATE BS 5150 / CAST IRON / FLANGED PN16

VC7



0177	22105		14/ELOLIE 1/ O
SIZE	PRICE	LENGTH MM	WEIGHT KG
2"	£153.74	178	12
2 1/2"	£173.90	190	19
3"	£197.37	203	24
4"	£281.99	229	35
5"	£151.20	254	45
6"	£493.89	267	62
8"	£687.96	292	117
10"	£1,120.77	330	185
12"	£1,557.44	356	233

Please call the sales team for your discount on this product

VALVE TYPE	Gate BS 5150
BODY MATERIAL	Cast Iron
END CONNECTION	Flanged PN16, we also keep this item undrilled
SEAT/SEAL	Bronze Trim
OPERATION	Handwheel
OTHER	Inside Screw, Non-Rising Stem

Full specification sheet available on request

# GATE / CAST IRON / FLANGED TABLE E

VC76



SIZE	PRICE	LENGTH MM	WEIGHT KG
2"	£168.48	146	12.5
2 1/2"	£187.94	159	18
3"	£215.36	165	23
4"	£295.47	171	40
5"	£489.39	191	49
6"	£540.56	210	59
8"	£872.39	241	94

Please call the sales team for your discount on this product

VALVE TYPE	Gate
BODY MATERIAL	Cast Iron
END CONNECTION	Flanged Table E (also available PN10/16, ANSI 150), we also keep this item undrilled
SEAT/SEAL	Bronze Trim
OPERATION	Handwheel
OTHER	Inside Screw, Non-Rising Stem

# **GATE VALVES**

# GATE / CAST IRON / FLANGED TABLE D SIZE PRICE LENGTH MM WEIGHT KG 4" £319,10 171 40

 $\label{product} \textit{Please call the sales team for your discount on this product}$ 

VALVE TYPE	Gate
BODY MATERIAL	Cast Iron
END CONNECTION	Flanged Table D, we also keep this item undrilled
SEAT/SEAL	Bronze Trim
OPERATION	Handwheel operated
OTHER	Inside Screw, Non-Rising Stem

Full specification sheet available on request

# GATE BS 5163 / DUCTILE IRON, EPOXY COATED / FLANGED PN10/16

**VC79** 



SIZE	PRICE	LENGTH MM	WEIGHT KG
2"	£184.44	178	10
2 1/2"	£218.42	190	12.5
3"	£257.27	203	17
4"	£277.70	229	21
6"	£382.80	267	38
8"	£802.23	292	58
10"	£1,235.79	330	86
12"	£1,599.29	356	121

Please call the sales team for your discount on this product

VALVE TYPE	Gate BS 5163
BODY MATERIAL	Ductile Iron, Epoxy Coated
END CONNECTION	Flanged PN10/16, we also keep this item undrilled
SEAT/SEAL	EPDM Covered Resilient Seal
OPERATION	Cap Top (Handwheel available)
OTHER	WRAS Approved, Clockwise Closing (Anti–Clockwise on request)

Full specification sheet available on request

# GATE / CAST IRON / CAN BE DRILLED TO SUIT PN6/10/16, ANSI 150, TABLE D/E, JIS 5K/10K

VC393



SIZE	PRICE	LENGTH MM	WEIGHT KG
2"	£312.50	150	18
2 1/2"	£362.50	170	21
3"	£450.00	180	28
4"	£562.50	190	35
5"	£750.00	200	51
6"	£937.50	210	67
8"	£1,250.00	230	105
10"	£2,500.00	250	166
12"	£3,000.00	270	221

Please call the sales team for your discount on this product

VALVE TYPE	Gate
BODY MATERIAL	Cast Iron
END CONNECTION	Can be drilled to suit PN6/10/16, ANSI 150, Table D/E, JIS 5K/10K
SEAT/SEAL	Bronze Seat Ring
OPERATION	Handwheel Operated
OTHER	Non Rising Stem, Inside Screw



# GATE / CAST IRON / CAN BE DRILLED TO SUIT PN6/10/16, ANSI 150, TABLE D/E, JIS 5K/10K

VC394



SIZE	PRICE	LENGTH MM	WEIGHT KG
2"	£625.00	216	On request
2 1/2"	£687.50	229	On request
3"	£750.00	229	On request
4"	£962.50	254	On request
5"	£1,250.00	267	On request
6"	£1,500.00	280	On request
8"	£2,125.00	318	On request
10"	£3,250.00	356	On request
12"	£3,750.00	381	On request

Please call the sales team for your discount on this product

VALVE TYPE	Gate
BODY MATERIAL	Cast Iron
END CONNECTION	Can be drilled to suit PN6/10/16, ANSI 150, Table D/E, JIS 5K/10K
SEAT/SEAL	Bronze Seat Ring
OPERATION	Handwheel Operated
OTHER	Non Rising Stem, Inside Screw

Full specification sheet available on request

# GATE / CAST IRON / CAN BE DRILLED TO SUIT PN6/10/16, ANSI 150, TABLE D/E, JIS 5K/10K

**VC395** 



SIZE	PRICE	LENGTH MM	WEIGHT KG
2"	£450.00	178	On request
2 1/2"	£562.50	190	On request
3"	£750.00	203	On request
4"	£962.50	229	On request
5"	£1,250.00	254	On request
6"	£1,500.00	267	On request
8"	£2,125.00	292	On request
10"	£3,250.00	330	On request
12"	£3,750.00	356	On request

Please call the sales team for your discount on this product

VALVE TYPE	Gate
BODY MATERIAL	Cast Iron
END CONNECTION	Can be drilled to suit PN6/10/16, ANSI 150, Table D/E, JIS 5K/10K
SEAT/SEAL	Bronze Seat Ring
OPERATION	Handwheel Operated
OTHER	Outside Screw and Yoke. Also available as inside screw.

Full specification sheet available on request

# GATE / FORGED STEEL A105 / SCREWED BSP FEMALE

VC82



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£51.20	79	1.9
3/4"	£61.17	92	2.1
Ι"	£75.14	Ш	3.5
1 1/2"	£150.18	152	6.4
2"	£200.55	171	11.5

Please call the sales team for your discount on this product

VALVE TYPE	Gate
BODY MATERIAL	Forged Steel AI05
END CONNECTION	Screwed BSP Female
SEAT/SEAL	Trim 13% Cr + Hard Faced Seat No.8
RATED	Class 800 (Class 1500 available)
OPERATION	Handwheel
OTHER	SW and NPT available

Full specification sheet available on request

# **GATE VALVES**

# GATE / CAST STEEL (WCB) / FLANGED ANSI 150

VC83



SIZE	PRICE	LENGTH MM	WEIGHT KG
2"	£175.50	178	20
2 1/2"	£247.50	190	30
3"	£272.25	203	36
4"	£360.00	229	53
6"	£551.25	267	85
8"	£846.00	292	128
10"	£1,251.00	330	195
12"	£1,653.75	356	298

Please call the sales team for your discount on this product

VALVE TYPE	Gate
BODY MATERIAL	Cast Steel (WCB)
END CONNECTION	Flanged ANSI 150, we also keep this item undrilled
SEAT/SEAL	Trim 13% CR + Hard Faced Seat
RATED	ANSI 150

OPERATION Handwheel Full specification sheet available on request

# GATE / CAST STEEL (WCB) / FLANGED ANSI 300

VC327



SIZE	PRICE	LENGTH MM	WEIGHT KG
2"	£229.50	216	24
2 1/2"	£324.00	241	44
3"	£366.75	283	52
4"	£438.75	305	76
6"	£785.25	403	146
8"	£1,275.75	419	218
10"	£2,092.50	457	352
12"	£4,873.50	502	472

Please call the sales team for your discount on this product

VALVE TYPE	Gate
BODY MATERIAL	Cast Steel (WCB)
END CONNECTION	Flanged ANSI 300, we also keep this item undrilled
SEAT/SEAL	13% CR + Hard Faced Seats
RATED	ANSI 300
OPERATION	Handwheel operated

Full specification sheet available on request

# GATE / CAST STEEL (WCB) / FLANGED PN16

**VC402** 



SIZE	PRICE	LENGTH MM	WEIGHT KG
2"	£226.37	178	20
2 1/2"	£346.86	190	30
3"	£375.11	203	36
4"	£504.86	229	53
6"	£802.35	267	85
8"	£1,208.87	292	128
10"	£1,720.62	330	195

Please call the sales team for your discount on this product

VALVE TYPE	Gate
BODY MATERIAL	Cast Steel (WCB)
END CONNECTION	Flanged PN16, we also keep this item undrilled
SEAT/SEAL	Trim 13% CR + Hard Faced Seat
RATED	16 bar
OPERATION	Handwheel

Full specification sheet available on request

# GATE / CAST STEEL / FLANGED PN40 UPTO 6", PN25 UPTO 12"

VC329



SIZE	PRICE	LENGTH MM	WEIGHT KG
2"	£487.50	230	15.1
2 1/2"	£710.00	290	26
3"	£862.50	310	33
4"	£1,005.00	350	44
6"	£1,922.50	480	100
8"	£3,010.00	600	170
10"	£4,830.00	730	283
12"	£7,287.50	850	414

 ${\it Please \ call \ the \ sales \ team \ for \ your \ discount \ on \ this \ product}$ 

VALVE TYPE	Gate
BODY MATERIAL	Cast Steel
END CONNECTION	Flanged PN40 upto 6", PN25 upto 12", we also keep this item undrilled
SEAT/SEAL	Stainless Steel Seat
RATED	PN25
OPERATION	Handwheel operated



# GLOBE VALVES

Globe / Bronze / Screwed BSP Female	Globe / Cast Iron / Flanged PN16	.81
Globe SDNR / Bronze / Screwed BSP Female	Globe SDNR / Cast Iron / Flanged PN16	.81
Globe / Bronze LG2 / Screwed BSP Female	Globe Bellow Seal Type / Cast Iron / Flanged PN16	.81
Globe / Bronze / Screwed BSPT Female / PN32	Globe Angle Pattern / Cast Iron / Flanged PN16	.82
Globe / Bronze / Flanged PN16	Globe / Forged Steel A105 / Screwed BSP Female	.82
Globe SDNR / Bronze / Flanged PN16	Globe / Cast Steel WCB / Flanged ANSI 150 RF	.82
Globe / Bronze / Flanged Table F	Globe / Cast Steel WCB / Flanged ANSI 300 RF	.83
Globe Angle Pattern / Bronze / Flanged PN16	Globe / Cast Steel WCB / Flanged PN16	.83
Globe Angle Pattern SDNR / Bronze / Flanged PN16	Globe / Cast Steel / Flanged PN25/40	.83
Globe / Stainless Steel / Screwed BSP Female80	Globe SDNR / Cast Steel / Flanged PN25/40	.84
Globe / Stainless Steel / Flanged PN1680	Globe Bellow Seal / Cast Steel / Flanged PN25/40	.84
Globe / Stainless Steel / Flanged ANSI 150	Globe Angle Pattern / Cast Steel / Flanged PN25/40	.84



# **GLOBE VALVES**

# GLOBE / BRONZE / SCREWED BSP FEMALE

VC84



SIZE	PRICE	LENGTH MM	WEIGHT KG
3/8"	£23.06	45	0.15
1/2"	£23.06	50	0.25
3/4"	£27.50	60	0.37
Ι"	£34.88	70	0.52
/4"	£50.51	85	0.87
1 1/2"	£72.09	90	1.15
2"	£90.78	110	1.9

Please call the sales team for your discount on this product

VALVE TYPE	Globe	
BODY MATERIAL	Bronze	
END CONNECTION	Screwed BSP Female	
SEAT/SEAL PTFE disc Seat		
RATED	PNI6	
OPERATION	Handwheel operated	

Full specification sheet available on request

# GLOBE SDNR / BRONZE / SCREWED BSP FEMALE

**VC88** 



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£40.68	60	0.42
3/4"	£52.86	70	0.57
Ι"	£65.24	80	0.92
/4"	£96.42	95	1.3
1 1/2"	£113.64	105	1.65
2"	£165.33	130	2.9

 ${\it Please \ call \ the \ sales \ team \ for \ your \ discount \ on \ this \ product}$ 

VALVE TYPE	Globe SDNR
BODY MATERIAL	Bronze
END CONNECTION	Screwed BSP Female
SEAT/SEAL	PTFE Seat (Metal Seat available)
RATED	PNI6
OPERATION	Handwheel

Full specification sheet available on request

# GLOBE / BRONZE LG2 / SCREWED BSP FEMALE

VC92



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/4"	£17.03	53	0.33
3/8"	£17.03	53	0.35
1/2"	£20.12	55	0.45
3/4"	£31.26	67	0.66
["	£50.40	79	0.98
/4"	£70.49	88	1.37
1 1/2"	£100.07	101	2.05
2"	£157.17	123	2.66

Please call the sales team for your discount on this product

VALVE TYPE	Globe
BODY MATERIAL	Bronze LG2
END CONNECTION	Screwed BSP Female
SEAT/SEAL	Integral
RATED	PN32
OPERATION	Handwheel



# GLOBE / BRONZE / SCREWED BSPT FEMALE / PN32

**VC93** 



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/4"	£62.97	48	0.22
3/8"	£62.97	48	0.22
1/2"	£62.97	57	0.38
3/4"	£85.04	65	0.52
["	£121.05	78	0.84
1 1/4"	£179.09	89	1.34
I I/2"	£247.58	100	1.82
2"	£392.12	121	2.62

Please call the sales team for your discount on this product

VALVE TYPE	Globe
BODY MATERIAL	Bronze
END CONNECTION	Screwed BSPT Female
SEAT/SEAL	Non Metallic, Renewable Disc
RATED	PN32
OPERATION	Handwheel

Full specification sheet available on request

# GLOBE / BRONZE / FLANGED PN16

VC90



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£99.02	70	1.35
3/4"	£137.06	90	2
Ι"	£166.83	98	2.5
/4"	£249.49	110	3.8
1 1/2"	£284.58	130	4.6
2"	£370.38	150	6.4
2 1/2"	£563.06	190	10.5
3"	£702.30	210	13
4"	£1,341.74	220	18.5

Please call the sales team for your discount on this product

VALVE TYPE	Globe
BODY MATERIAL	Bronze
END CONNECTION	Flanged PN16 (Also available Undrilled, PN6, PN10, ANSI 150, Table D/E), we also keep this item undrilled
SEAT/SEAL	Graphite
OPERATION	Handwheel
OTHER	Prices Apply to PN16 Drilled)

Full specification sheet available on request

# GLOBE SDNR / BRONZE / FLANGED PN16

**VC89** 



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£140.01	70	1.35
3/4"	£193.83	90	2
Ι"	£235.91	98	2.5
/4"	£347.18	110	3.8
1 1/2"	£399.75	130	4.6
2"	£524.82	150	6.4
2 1/2"	£795.34	190	10.5
3"	£997.49	210	13
4"	£1,492.41	220	18.5

Please call the sales team for your discount on this product

VALVE TYPE	Globe SDNR
BODY MATERIAL	Bronze
END CONNECTION	Flanged PN16 (Also available Undrilled, PN6, PN10, ANSI 150, Table D/E)
SEAT/SEAL	Graphite
OPERATION	Handwheel
OTHER	Prices apply to PN16 Drilled)

# **GLOBE VALVES**

# GLOBE / BRONZE / FLANGED TABLE F





SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£108.90	55	1.32
3/4"	£150.77	64	1.91
Ι"	£183.48	76	2.45
/4"	£270.06	83	3.7
1 1/2"	£312.89	98	4.4
2"	£407.45	110	6.17
2 1/2"	£619.35	156	10.32
3"	£771.48	162	13.1
4"	£1,388.93	197	18.25

Please call the sales team for your discount on this product

VALVE TYPE	Globe
BODY MATERIAL	Bronze
END CONNECTION	Flanged Table F, we also keep this item undrilled
SEAT/SEAL	Graphite/PTFE
OPERATION	Handwheel
OTHER	LG2 Body, Bonnet

Full specification sheet available on request

# GLOBE ANGLE PATTERN / BRONZE / FLANGED PN16

### VC8



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£93.02	62	1.8
3/4"	£132.42	65	2.15
Ι"	£156.69	72	3.1
/4"	£215.34	85	4.5
I I/2"	£261.42	90	5.2
2"	£380.10	103	7.5
2 1/2"	£585.60	116	10.7
3"	£679.10	122	12.8
4"	£1,065.63	140	16

Please call the sales team for your discount on this product

VALVE TYPE	Globe Angle Pattern
BODY MATERIAL	Bronze
END CONNECTION	Flanged PN16 (Also available Undrilled, PN6, PN10, ANSI 150, Table D/E), we also keep this item undrilled
SEAT/SEAL	Graphite
OPERATION	Handwheel
OTHER	Prices apply to PN16 Drilled

Full specification sheet available on request

# GLOBE ANGLE PATTERN SDNR / BRONZE / FLANGED PN16

# VC86



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£128.34	62	1.8
3/4"	£177.69	65	2.15
Ι"	£216.24	72	3.1
/4"	£318.24	85	4.5
1 1/2"	£366.44	90	5.2
2"	£480.20	103	7.5
2 1/2"	£729.98	116	10.7
3"	£914.36	122	12.8
4"	£1,368.05	140	16

Please call the sales team for your discount on this product

VALVE TYPE	Globe Angle Pattern SDNR
BODY MATERIAL	Bronze
END CONNECTION	Flanged PN16 (Also available Undrilled, PN6, PN10, ANSI 150, Table D/E)
SEAT/SEAL	Graphite
OPERATION	Handwheel
OTHER	Prices apply to PN16 Drilled



# GLOBE / STAINLESS STEEL / SCREWED BSP FEMALE

VC94



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£70.73	52	0.4
3/4"	£79.79	60	0.5
["	£100.43	72	0.7
/4"	£132.99	80	0.9
I I/2"	£162.23	90	1.35
2"	£220.74	106	1.65

Please call the sales team for your discount on this product

VALVE TYPE	Globe
BODY MATERIAL	Stainless Steel
END CONNECTION	Screwed BSP Female
SEAT/SEAL	Integral
RATED	200 PSI
OPERATION	Handwheel
OTHER	Screw on Bonnet, Rising Stem

Full specification sheet available on request

# GLOBE / STAINLESS STEEL / FLANGED PN16

VC95



SIZE	PRICE	LENGTH MM	WEIGHT KG
Ι"	£429.96	127	3.9
1 1/2"	£537.45	165	7.17
2"	£627.03	203	11.3
2 1/2"	£859.98	216	21.5
3"	£967.41	241	34.2
4"	£1,300.98	292	62

 ${\it Please \ call \ the \ sales \ team \ for \ your \ discount \ on \ this \ product}$ 

VALVE TYPE	Globe
BODY MATERIAL	Stainless Steel
END CONNECTION	Flanged PN16, we also keep this item undrilled
SEAT/SEAL	Stainless Steel Seat Ring, PTFE Gasket
OPERATION	Handwheel
OTHER	Bolted Bonnet

Full specification sheet available on request

# GLOBE / STAINLESS STEEL / FLANGED ANSI 150

VC9



SIZE	PRICE	LENGTH MM	WEIGHT KG
Ι"	£398.10	127	3.9
1 1/2"	£497.64	165	7.17
2"	£580.59	203	11.3
2 1/2"	£796.28	216	21.5
3"	£895.74	241	34.2
4"	£1,204.62	292	62

Please call the sales team for your discount on this product

VALVE TYPE	Globe
BODY MATERIAL	Stainless Steel
END CONNECTION	Flanged ANSI 150, we also keep this item undrilled
SEAT/SEAL	Stainless Steel Seat Ring, PTFE Gasket
OPERATION	Handwheel
OTHER	Bolted Bonnet

# **GLOBE VALVES**

### GLOBE / CAST IRON / FLANGED PN16

VC97



The second secon	-
VALVE TYPE	Globe
BODY MATERIAL	Cast Iron
END CONNECTION	Flanged PN16, we also keep this item undrilled
SEAT/SEAL	Seat Ring X12Cr13, Graphite Packing
OPERATION	Handwheel

SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£86.10	130	3.3
3/4"	£92.49	150	3.9
Ι"	£135.54	160	5
/4"	£163.44	180	6.6
1 1/2"	£175.40	200	8.4
2"	£304.16	230	12
2 1/2"	£351.35	290	17.3
3"	£411.28	310	22.7
4"	£545.61	350	35.6
5"	£919.88	400	52.8
6"	£1,018.82	480	74.2
8"	£1,973.27	600	126

Please call the sales team for your discount on this product

Full specification sheet available on request

# GLOBE SDNR / CAST IRON / FLANGED PN16

VC98



VALVE TYPE	Globe SDNR
BODY MATERIAL	Cast Iron
END CONNECTION	Flanged PN16, we also keep this item undrilled
SEAT/SEAL	Seat Ring X12Cr13, Graphite Packing
OPERATION	Handwheel

SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£98.49	130	3.3
3/4"	£108.68	150	3.9
["	£157.05	160	5
1 1/4"	£191.01	180	6.6
1 1/2"	£259.10	200	8.4
2"	£343.31	230	12
2 1/2"	£396.57	290	17.3
3"	£464.19	310	22.7
4"	£615.84	350	35.6
5"	£1,038.26	400	52.8
6"	£1,149.95	480	74.2
8"	£2,164.62	600	126
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Please call the sales team for your discount on this product

Full specification sheet available on request

# GLOBE (SHORT PATTERN) / CAST IRON / ANSI 150 OR PN16

VC461



VALVE TYPE	Globe (Short Pattern)
BODY MATERIAL	Cast Iron
END CONNECTION	Flanged ANSI 150 / PN16 we also keep this
	item undrilled
SEAT/SEAL	Brass / Bronze
RATED	16 Bar
OPERATION	Handwheel Operated
OTHER	Bolted Bonnet, OS&Y

	SIZE	PRICE	LENGTH MM	WEIGHT KG
	2"	£189.00	203	12
	2 1/2"	£270.00	216	17.3
	3"	£321.75	241	22.7
	4"	£420.75	292	35.6
	5"	£450.00	330	52.8
	6"	£731.25	356	74.2
	8"	£1,237.50	495	126
	10"	£1,890.40	622	308
D.1				

Please call the sales team for your discount on this product

Full specification sheet available on request

# GLOBE BELLOW SEAL TYPE / CAST IRON / FLANGED PN16

VC99



VALVE TYPE	Globe Bellow Seal Type
BODY MATERIAL	Cast Iron
END CONNECTION	Flanged PN16, we also keep this item undrilled
SEAT/SEAL	Seat Ring X12Cr13, Graphite Packing
OPERATION	Handwheel

SIZE		PRICE	LENGTH MM	WEIGHT KG
1/2"		£199.52	130	3.3
3/4"		£216.48	150	3.9
1"		£241.95	160	5
1/4"		£284.40	180	6.6
1 1/2"		£322.61	200	8.4
2"		£338.18	230	12
2 1/2"		£415.13	290	17.3
3"		£525.74	310	22.7
4"		£792.88	350	35.6
5"	ź	1,106.54	400	52.8
6"	t	1,395.90	480	74.2
8"	£	2,365.78	600	126
			1.1	

Please call the sales team for your discount on this product Full specification sheet available on request



# GLOBE ANGLE PATTERN / CAST IRON / FLANGED PN16

VCI00



SIZE	PRICE	LENGTH MM	WEIGHT KG
2"	£404.82	125	11.8
2 1/2"	£467.64	145	14
3"	£547.40	155	20.5
4"	£725.67	175	32.2
5"	£1,222.71	200	46
6"	£1,356.87	225	62
8"	£2,623.50	275	106

Please call the sales team for your discount on this product

VALVE TYPE	Globe Angle Pattern
BODY MATERIAL	Cast Iron
END CONNECTION	Flanged PN16, we also keep this item undrilled
SEAT/SEAL	Seat Ring X12Cr13, Graphite Packing
OPERATION	Handwheel

Full specification sheet available on request

# GLOBE / FORGED STEEL A105 / SCREWED BSP FEMALE

VC101



_				
	SIZE	PRICE	LENGTH MM	WEIGHT KG
	1/2"	£49.91	79	1.9
	3/4"	£58.73	92	2.1
	Ι"	£70.92	111	3.5
	1 1/2"	£164.49	152	6.4
	2"	£194.40	171	11.5

 $\label{eq:please call the sales team for your discount on this product} Please \ call \ the \ sales \ team \ for \ your \ discount \ on \ this \ product$ 

VALVE TYPE	Globe
BODY MATERIAL	Forged Steel A105
END CONNECTION	Screwed BSP Female
SEAT/SEAL	Trim I3% CR + Hard Faced Seat No 8
RATED	Class 800 (1500 Also available)
OPERATION	Handwheel
OTHER	SW & NPT Also available

Full specification sheet available on request

# GLOBE / CAST STEEL WCB / FLANGED ANSI 150 RF

VCI02



SIZE	PRICE	LENGTH MM	WEIGHT KG
2"	£189.00	203	21
2 1/2"	£270.00	216	32
3"	£321.75	241	41
4"	£420.75	292	63
6"	£731.25	406	105
8"	£1,237.50	495	168
10"	£1,890.40	622	308

Please call the sales team for your discount on this product

VALVE TYPE	Globe
BODY MATERIAL	Cast Steel WCB
END CONNECTION	Flanged ANSI 150 RF, we also keep this item undrilled
SEAT/SEAL	Trim 13% CR + Hard Faced Seat
RATED	ANSI 150 RF
OPERATION	Handwheel
OTHER	Bolted Bonnet, OS&Y

# **GLOBE VALVES**

# GLOBE / CAST STEEL WCB / FLANGED ANSI 300 RF

VC328



SIZE	PRICE	LENGTH MM	WEIGHT KG
2"	£247.50	267	31
2 1/2"	£363.38	292	40
3"	£384.75	318	58
4"	£506.26	356	86
6"	£1,076.63	446	150

Please call the sales team for your discount on this product

VALVE TYPE	Globe
BODY MATERIAL	Cast Steel WCB
END CONNECTION	Flanged ANSI 300 RF, we also keep this item undrilled
SEAT/SEAL	Trim I3% CR + Hard Faced Seat
RATED	ANSI 300 RF
OPERATION	Handwheel
OTHER	Bolted Bonnet, OS&Y

Full specification sheet available on request

# GLOBE / CAST STEEL WCB / FLANGED PN16

VC403



SIZE	PRICE	LENGTH MM	WEIGHT KG
2"	£198.00	203	21
2 1/2"	£303.75	216	32
3"	£326.25	241	41
4"	£443.25	292	63
6"	£821.25	406	105

Please call the sales team for your discount on this product

VALVE TYPE	Globe
BODY MATERIAL	Cast Steel WCB
END CONNECTION	Flanged PN16, we also keep this item undrilled
SEAT/SEAL	Trim 13% CR + Hard Faced Seat
RATED	16 Bar
OPERATION	Handwheel Operated
OTHER	Bolted Bonnet, OS&Y

Full specification sheet available on request

# GLOBE / CAST STEEL / FLANGED PN25/40

VCI03



SIZE	PRICE	LENG I H MM	WEIGHT KG	
1/2"	£248.44	130	4	
3/4"	£274.27	150	5.3	
["	£443.13	160	5.7	
1 1/4"	£487.21	180	10	
I I/2"	£495.39	200	13.3	
2"	£557.79	230	15.3	
2 1/2"	£726.23	290	25.2	
3"	£850.62	310	32.9	
4"	£1,105.34	350	50.5	
5"	£2,275.89	400	78	
6"	£2,766.36	480	104	
8"	£4,099.71	600	118	
Plages call the sales team for your discount on this product				

Please call the sales team for your discount on this product

VALVE TYPE	Globe
BODY MATERIAL	Cast Steel
END CONNECTION	Flanged PN25/40, we also keep this item undrilled
SEAT/SEAL	Seat Ring X12Cr13, Graphite Packing
OPERATION	Handwheel

Full specification sheet available on request



### GLOBE SDNR / CAST STEEL / FLANGED PN25/40

VCI04



SIZE	PRICE	LENGTH MM	WEIGHT KG	
1/2"	£237.59	130	4	
3/4"	£261.56	150	5.3	
Ι"	£469.16	160	5.7	
/4"	£516.44	180	10	
1 1/2"	£525.18	200	13.3	
2"	£591.24	230	15.3	
2 1/2"	£813.38	290	25.2	
3"	£928.52	310	32.9	
4"	£1,244.69	350	50.5	
5"	£2,471.03	400	78	
6"	£3,153.03	480	104	
8"	£4,198.23	600	118	
Please call the sales team for your discount on this product				

Please call the sales team for your discount on this product

VALVE TYPE
BODY MATERIAL
END CONNECTION
SEAT/SEAL
OBER ATION

Globe SDNR Cast Steel Flanged PN25/40, we also keep this item undrilled Seat Ring X12Cr13, Graphite Packing Handwheel

Full specification sheet available on request

# GLOBE BELLOW SEAL / CAST STEEL / FLANGED PN25/40

VCI05



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£276.83	130	4
3/4"	£307.07	150	5.3
["	£481.67	160	5.7
1 1/4"	£529.58	180	10
1 1/2"	£557.54	200	13.3
2"	£685.61	230	15.3
2 1/2"	£964.38	290	25.2
3"	£1,310.96	310	32.9
4"	£1,612.32	350	50.5
5"	£3,116.40	400	78
6"	£3,565.19	480	104

Please call the sales team for your discount on this product

VALVE TYPE	
BODY MATERIAL	
END CONNECTION	
SEAT/SEAL	
OPER ATION	

Globe Bellow Seal Cast Steel Flanged PN25/40, we also keep this item undrilled

Seat Ring X12Cr13, Graphite Packing

Handwheel

Full specification sheet available on request

# GLOBE ANGLE PATTERN / CAST STEEL / FLANGED PN25/40

VCI06



SIZE	PRICE	LENGTH MM	WEIGHT KG
2"	£698.25	125	15.3
2 1/2"	£907.79	145	25.2
3"	£1,062.81	155	32.9
4"	£1,380.60	175	50.5
5"	£2,692.47	200	78
6"	£3,272.72	225	104
8"	£4,062.45	275	174

Please call the sales team for your discount on this product

VALVE TYPE	Globe Angle Pattern
BODY MATERIAL	Cast Steel
END CONNECTION	Flanged PN25/40, we also keep this item undrilled
SEAT/SEAL	Seat Ring X12Cr13, Graphite Packing
OPERATION	Handwheel



# Customer service is paramount, but don't just take our word for it

"For a number of years Valve Center have been my company of choice to source valves that are not a stock item in our stores. Working at a forty year old power station means that when we need to replace original installation valves they are usually oBSolete, Valve Center have always been able to quote us for a direct replacement, more often than not at a price and delivery that beats any of the other valve companies that we have to try under our procurement rules."—Trevor, Scottish and Southern Energy.





# HYGIENIC VALVES

Encapsulated 3-Way Ball, Hygienic / Stainless Steel / Butt Weld, RJT, IDF, Clamp, ILC and / L Port
Encapsulated 3-Way Ball, Hygienic / Stainless Steel / Butt Weld, RJT, IDF,
Clamp, ILC and DIN All Available / T Port
Encapsulated 3-Piece Ball, Hygienic / Stainless Steel / Butt Weld, RJT, IDF
Clamp, ILC and DIN All Available
Actuator, Hygienic / Stainless Steel / Direct Mounting / Spring Return .88
Actuator, Hygienic / Stainless Steel / Direct Mounting / Double Acting 88
Switchbox88
Miniature Relief, Hygienic / Stainless Steel / Clamp, ILC, Weld and BSP
All Available
Pressure Relief, Hygienic / Stainless Steel / Plain Ended, Full Bore /
Air Operated89
Pressure Relief, Hygienic / Stainless Steel / Fitted Ends, Full Bore /
Air Operated89
Single Seat, Hygienic / Stainless Steel / Plain Ended / Actuated90
Single Seat, Hygienic / Stainless Steel / Fitted Ends / Actuated
Switchbox
Non-Return, Hygienic / Stainless Steel / Available In Clamp, RJT, IDF, ILC
DIN, SMS, Flange and Butt Weld
Butterfly, Hygienic / Stainless Steel / RJT, IDF, ILC / Plastic Lever /
Viton / Lever

Butterfly, Hygienic / Stainless Steel / RJT, IDF, ILC / Plastic Lever /
Nitrile / Lever
Butterfly, Hygienic / Stainless Steel / RJT, IDF, ILC / Plastic Lever /
Silicone / Lever
Butterfly, Hygienic / Stainless Steel / RJT, IDF, ILC / Plastic Lever /
EPDM / Lever
Butterfly, Hygienic / Stainless Steel / RJT, IDF, ILC / Bareshaft /
EPDM / Bareshaft92
Butterfly, Hygienic / Stainless Steel / RJT, IDF, ILC / Bareshaft /
Viton / Bareshaft
Butterfly, Hygienic / Stainless Steel / RJT, IDF, ILC / Bareshaft /
Nitrile / Bareshaft93
Butterfly, Hygienic / Stainless Steel / RJT, IDF, ILC / Bareshaft /
Silicone / Bareshaft93
Butterfly, Hygienic / Stainless Steel / RJT, IDF, ILC / Stainless Steel Multi
Stop Lever / EPDM / SS Lever94
Butterfly, Hygienic / Stainless Steel / RJT, IDF, ILC / Stainless Steel Multi
Stop Lever / Viton / SS Lever94
Butterfly, Hygienic / Stainless Steel / RJT, IDF, ILC / Stainless Steel Multi
Stop Lever / Nitrile / SS Lever94
Butterfly, Hygienic / Stainless Steel / RJT, IDF, ILC / Stainless Steel /
Silicone / SS Lever



# HYGIENIC VALVES

# ENCAPSULATED 3-WAY BALL, HYGIENIC / STAINLESS STEEL / BUTT WELD, RJT, IDF, CLAMP, ILC AND / L PORT

VC366



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£180.75	59	On request
3/4"	£223.25	64	On request
"	£294.20	76	On request
1 1/2"	£482.20	88	On request
2"	£751.85	95	On request
2 1/2"	£1,285.22	114	On request
3"	£1,852.62	130	On request

Please call the sales team for your discount on this product

VALVE TYPE	Encapsulated 3-way Ball, Hygienic
BODY MATERIAL	Stainless Steel
END CONNECTION	Butt Weld, RJT, IDF, Clamp, ILC and DIN all available
SEAT/SEAL	PTFE PTFE
RATED	10 Bar
OPERATION	Lever
OTHER	L-Port (T-Port available), Price based on Plain Ends

Full specification sheet available on request

# ENCAPSULATED 3-WAY BALL, HYGIENIC / STAINLESS STEEL / BUTT WELD, RJT, IDF, CLAMP, ILC AND DIN ALL AVAILABLE / T PORT

**VC383** 



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£176.47	59	On request
3/4"	£213.62	64	On request
1"	£290.90	76	On request
1 1/2"	£471.14	88	On request
2"	£699.32	95	On request
2 1/2"	£1,244.70	114	On request
3"	£1,830.08	130	On request

Please call the sales team for your discount on this product

VALVE TYPE	Encapsulated 3-way Ball, Hygienic
BODY MATERIAL	Stainless Steel
END CONNECTION	Butt Weld, RJT, IDF, Clamp, ILC and DIN all available
SEAT/SEAL	PTFE
RATED	IO Bar
OPERATION	Lever
OTHER	T-Port (L-Port available), Price based on Plain Ends

Full specification sheet available on request

# ENCAPSULATED 3-PIECE BALL, HYGIENIC / STAINLESS STEEL / BUTT WELD, RJT, IDF, CLAMP, ILC AND DIN ALL AVAILABLE

VC384



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£50.87	On request	On request
3/4"	£58.40	On request	On request
1"	£81.30	On request	On request
1 1/2"	£132.25	On request	On request
2"	£192.32	On request	On request
2 1/2"	£424.70	On request	On request
3"	£565.87	On request	On request

Please call the sales team for your discount on this product

VALVE TYPE	Encapsulated 3-piece Ball, Hygienic
BODY MATERIAL	Stainless Steel
END CONNECTION	Butt Weld, RJT, IDF, Clamp, ILC and DIN all available
SEAT/SEAL	PTFE
RATED	10 Bar
OPERATION	Lever



# ACTUATOR, HYGIENIC / STAINLESS STEEL / DIRECT MOUNTING / SPRING RETURN

**VC377** 



SIZE	PRICE	LENGTH MM	WEIGHT KG
["	£187.50	134	On request
I I/2"	£187.50	134	On request
2"	£187.50	134	On request
2 1/2"	£187.50	134	On request
3"	£250.00	134	On request
4"	£250.00	157	On request

Please call the sales team for your discount on this product

VALVE TYPE	Actuator, Hygienic
BODY MATERIAL	Stainless Steel
END CONNECTION	Direct Mounting
RATED	IP65
OPERATION	Pneumatic Spring Return

Full specification sheet available on request

# ACTUATOR, HYGIENIC / STAINLESS STEEL / DIRECT MOUNTING / DOUBLE ACTING

**VC382** 



SIZE	PRICE	LENGTH MM	WEIGHT KG
["	£175.00	134	On request
1 1/2"	£175.00	134	On request
2"	£175.00	134	On request
2 1/2"	£175.00	134	On request

Please call the sales team for your discount on this product

VALVE TYPE	Actuator, Hygienic
BODY MATERIAL	Stainless Steel
END CONNECTION	Direct Mounting
SEAT/SEAL	N/A
RATED	IP65
OPERATION	Pneumatic Double Acting

Full specification sheet available on request

SWITCHBOX		SEE TABLE
PART NO	SWITCHBOX TYPE	PRICE
VC378	2 Microswitches	£209.85
VC379	2 Proximity Switches and Solenoid	£482.40
VC380	2 Proximity Switches	£321.65
VC381	2 Proximity Switches and Solenoid, 3 Wire	£662.12

Full specification sheet available on request

Please call the sales team for your discount on this product

# **HYGIENIC VALVES**

AVAILABLE	RELIEF, HYGIEI	NIC / STAINLESS	STEEL/CLAMI	P, ILC, WELD AN	ID BSP ALL		VC368
SIZE	PRICE	LENGTH MM	LENGTH MM	LENGTH MM	LENGTH MM	LENGTH MM	WEIGHT KG
		Clamp	ILC	BSP Female	BSP Male	Plain	
1/2"	£510.05	41	35	35	25	20	On request
3/4"	£510.05	26	23.5	N/A	40	5	On request

Full specification sheet available on request



VALVE TYPE	Miniature Relief, Hygienic
BODY MATERIAL	Stainless Steel
END CONNECTION	Clamp, ILC, Weld and BSP all available
SEAT/SEAL	Dependent on Media
RATED	0.5 Bar to 10 Bar
OTHER	Tamper Proof Setting (price based on fitted ends)

Please call the sales team for your discount on this product

# PRESSURE RELIEF, HYGIENIC / STAINLESS STEEL / PLAIN ENDED, FULL BORE / AIR OPERATED

VC389



SIZE	PRICE	LENGTH N	1M WEIGHT KG
1"	£900.95	52	On request
1 1/2"	£981.07	75	On request
2"	£1,007.67	7 79	On request
2 1/2"	£1,863.22	2 95	On request
3"	£1,730.42	2 99	On request

Please call the sales team for your discount on this product

VALVE TYPE	Pressure Relief, Hygienic
BODY MATERIAL	Stainless Steel
END CONNECTION	Plain Ended, Full Bore
SEAT/SEAL	Profiled Seat Seal
RATED	0–2.7 Bar, 0–4.4 Bar, 0–6.8 Bar, 0–10.2 Bar all available
OPERATION	Air operated
OTHER	Tamper Proof Pressure Setting

Full specification sheet available on request

# PRESSURE RELIEF, HYGIENIC / STAINLESS STEEL / FITTED ENDS, FULL BORE / AIR OPERATED

VC390



SIZE	PRICE	LENGTH MM	WEIGHT KG		
["	£1,020.75	52	On request		
1 1/2"	£1,091.57	75	On request		
2"	£1,118.70	79	On request		
2 1/2"	£1,982.20	95	On request		
3"	£1.859.30	99	On request		

Please call the sales team for your discount on this product

VALVE TYPE	Pressure Relief, Hygienic
BODY MATERIAL	Stainless Steel
END CONNECTION	Fitted Ends, Full Bore
SEAT/SEAL	Profiled Seat Seal
RATED	0–2.7 Bar, 0–4.4 Bar, 0–6.8 Bar, 0–10.2 Bar all available
OPERATION	Air operated
OTHER	Tamper Proof Pressure Setting



# SINGLE SEAT, HYGIENIC / STAINLESS STEEL / PLAIN ENDED / ACTUATED

VC385



SIZE	PRICE	LENGTH MM	WEIGHT KG
"	£1,567.37	52	On request
1 1/2"	£2,021.60	75	On request
2"	£2,316.65	79	On request
3"	£4,066.77	99	On request

Please call the sales team for your discount on this product

VALVE TYPE	Single Seat, Hygienic
BODY MATERIAL	Stainless Steel
END CONNECTION	Plain Ended
SEAT/SEAL	EPDM, Viton, Nitrile, Silicone and FEP available
RATED	I"16 Bar, 1 I/2"to 3"7Bar, 4"4.5 Bar
OPERATION	Actuated
OTHER	LL-Port

Full specification sheet available on request

# SINGLE SEAT, HYGIENIC / STAINLESS STEEL / FITTED ENDS / ACTUATED

**VC386** 



SIZE	PRICE	LENGTH MM	WEIGHT KG
1"	£1,642.70	52	On request
1 1/2"	£2,108.85	75	On request
2"	£2,411.82	79	On request
3"	£4.106.42	99	On request

Please call the sales team for your discount on this product

Single Seat, Hygienic
Stainless Steel
Fitted Ends
EPDM, Viton, Nitrile, Silicone and FEP available
I"16 Bar, I I/2"to 3"7Bar, 4"4.5 Bar
Actuated
LL-Port

Full specification sheet available on request

SWITCHBOX	SEE TABLE	
PART NO	SWITCHBOX TYPE	PRICE
VC387	2 x 24VDC Proximity Sensors Only	£466.62
VC388	2 x 24VDC Proximity Sensors and Solenoid	€721.32

Full specification sheet available on request

Please call the sales team for your discount on this product

# HYGIENIC VALVES

# NON-RETURN, HYGIENIC / STAINLESS STEEL / AVAILABLE IN CLAMP, RJT, IDF, ILC, DIN, SMS, FLANGE AND BUTT WELD

VC365



SIZE	PRICE	LENGTH MM	LENGTH MM	LENGTH MM	WEIGHT KG
		Weld	Clamp	Male IDF/RJT	
1/2"	£250.35	75	87	N/A	0.57
3/4"	£266.12	75	87	N/A	0.55
1"	£203.50	60	102	102	0.65
1 1/2"	£209.00	75	117	117	1.1
2"	£255.58	75	117	117	1.3
2 1/2"	£363.25	75	117	117	1.85
3"	£390.35	75	117	117	2.15
4"	£825.45	119	161	161 (RTJ), 179 (IDF)	4.85

Please call the sales team for your discount on this product

VALVE TYPE	Non-Return, Hygienic
BODY MATERIAL	Stainless Steel
END CONNECTION	available in Clamp, RJT, IDF, ILC, DIN, SMS, Flange and Butt Weld
SEAT/SEAL	EPDM Also available in Nitrile, Silicone, Viton and FEP/PTFE
RATED	IO Bar
OTHER	ATEX Approval, (price based on plain clamp ends)

Full specification sheet available on request

# BUTTERFLY, HYGIENIC / STAINLESS STEEL / RJT, IDF, ILC / PLASTIC LEVER / VITON / LEVER

VC303



SIZE	PRICE	LGTH MM	LGTH MM	LGTH MM	LGTH MM	LGTH MM	LGTH MM	LGTH MM	LGTH MM	WEIGHT KG
		RJT Male	RJT Female	IDF Male	IDF Female	ILC Male	ILC Female	Clamp & BW	Manual Flanged	
1"	£161.90	80	85	80	102	80	102	60	260	On request
1 1/2"	£162.37	80	85	80	102	80	102	60	260	On request
2"	£171.25	80	85	80	102	80	102	60	260	On request
2 1/2"	£193.97	80	85	80	102	80	102	60	260	On request
3"	£208.80	80	85	80	102	80	102	60	260	On request

Please call the sales team for your discount on this product

VALVE TYPE	Butterfly, Hygienic
BODY MATERIAL	Stainless Steel
END CONNECTION	RJT, IDF, ILC (Male & Female Options), Clamp, Butt Weld, Manual Flanged and Actuated Flanged all available
SEAT/SEAL	Viton F Seal
RATED	10 Bar
OPERATION	Plastic Lever (Actuator and Bareshaft available)
OTHER	Price based on Plain Ends

Full specification sheet available on request

# BUTTERFLY, HYGIENIC / STAINLESS STEEL / RJT, IDF, ILC / PLASTIC LEVER / NITRILE / LEVER

**VC306** 



SIZE	PRICE	LGTH MM	LGTH MM	LGTH MM	LGTH MM	LGTH MM	LGTH MM	LGTH MM	LGTH MM	WEIGHT KG
		RJT Male	RJT Female	IDF Male	IDF Female	ILC Male	ILC Female	Clamp & BW	Manual Flanged	
1"	£136.90	80	85	80	102	80	102	60	260	On request
1 1/2"	£137.37	80	85	80	102	80	102	60	260	On request
2"	£146.25	80	85	80	102	80	102	60	260	On request
2 1/2"	£168.97	80	85	80	102	80	102	60	260	On request
3"	£183.80	80	85	80	102	80	102	60	260	On request

Please call the sales team for your discount on this product

VALVE TYPE	Butterfly, Hygienic
BODY MATERIAL	Stainless Steel
END CONNECTION	RJT, IDF, ILC (Male & Female Options), Clamp, Butt Weld, Manual Flanged and Actuated Flanged all available
SEAT/SEAL	Nitrile Seal
RATED	10 Bar
OPERATION	Plastic Lever (Actuator and Bareshaft available)
OTHER	Price based on Plain Ends



# BUTTERFLY, HYGIENIC / STAINLESS STEEL / RJT, IDF, ILC / PLASTIC LEVER / SILICONE / LEVER

**VC307** 



SIZE	PRICE	LGTH MM	LGTH MM	LGTH MM	LGTH MM	LGTH MM	LGTH MM	LGTH MM	LGTH MM	WEIGHT KG
		RJT Male	RJT Female	IDF Male	IDF Female	ILC Male	ILC Female	Clamp & BW	Manual Flanged	
1"	£136.90	80	85	80	102	80	102	60	260	On request
1 1/2"	£137.37	80	85	80	102	80	102	60	260	On request
2"	£146.25	80	85	80	102	80	102	60	260	On request
2 1/2"	£168.97	80	85	80	102	80	102	60	260	On request
3"	£183.80	80	85	80	102	80	102	60	260	On request

Please call the sales team for your discount on this product

VALVE TYPE	Butterfly, Hygienic
BODY MATERIAL	Stainless Steel
END CONNECTION	RJT, IDF, ILC (Male & Female Options), Clamp, Butt Weld, Manual Flanged and Actuated Flanged all available
SEAT/SEAL	Silicone Seal
RATED	10 Bar
OPERATION	Plastic Lever (Actuator and Bareshaft available)
OTHER	Price based on Plain Ends

Full specification sheet available on request

### BUTTERFLY, HYGIENIC / STAINLESS STEEL / RJT, IDF, ILC / PLASTIC LEVER / EPDM / LEVER

**VC367** 



SIZE	PRICE	LGTH MM	LGTH MM	LGTH MM	LGTH MM	LGTH MM	LGTH MM	LGTH MM	LGTH MM	WEIGHT KG
		RJT Male	RJT Female	IDF Male	IDF Female	ILC Male	ILC Female	Clamp & BW	Manual Flanged	
1"	£124.40	80	85	80	102	80	102	60	260	On request
1 1/2"	£124.87	80	85	80	102	80	102	60	260	On request
2"	£133.75	80	85	80	102	80	102	60	260	On request
2 1/2"	£156.47	80	85	80	102	80	102	60	260	On request
3"	£171.30	80	85	80	102	80	102	60	260	On request

Please call the sales team for your discount on this product

VALVE TYPE	Butterfly, Hygienic
BODY MATERIAL	Stainless Steel
END CONNECTION	RJT, IDF, ILC (Male & Female Options), Clamp, Butt Weld, Manual Flanged and Actuated Flanged all available
SEAT/SEAL	EPDM Seal
RATED	10 Bar
OPERATION	Plastic Lever (Actuator and Bareshaft available)
OTHER	Price based on Plain Ends

Full specification sheet available on request

# BUTTERFLY, HYGIENIC / STAINLESS STEEL / RJT, IDF, ILC / BARESHAFT / EPDM / BARESHAFT

**VC308** 



SIZE	PRICE	LGTH MM	LGTH MM	LGTH MM	LGTH MM	LGTH MM	LGTH MM	LGTH MM	LGTH MM	WEIGHT KG
		RJT Male	RJT Female	IDF Male	IDF Female	ILC Male	ILC Female	Clamp & BW	Manual Flanged	
1"	£111.75	80	85	80	102	80	102	60	260	On request
1 1/2"	£114.72	80	85	80	102	80	102	60	260	On request
2"	£123.60	80	85	80	102	80	102	60	260	On request
2 1/2"	£146.32	80	85	80	102	80	102	60	260	On request
3"	£163.57	80	85	80	102	80	102	60	260	On request
4"	£260.42	80	85	80	102	80	102	60	260	On request

 ${\it Please \ call \ the \ sales \ team \ for \ your \ discount \ on \ this \ product}$ 

VALVE TYPE	Butterfly, Hygienic
BODY MATERIAL	Stainless Steel
END CONNECTION	RJT, IDF, ILC (Male & Female Options), Clamp, Butt Weld, Manual Flanged and Actuated Flanged all available
SEAT/SEAL	EPDM Seal
RATED	10 Bar
OPERATION	Bareshaft (Lever and Actuator available)
OTHER	Price based on Plain Ends

# HYGIENIC VALVES

# BUTTERFLY, HYGIENIC / STAINLESS STEEL / RJT, IDF, ILC / BARESHAFT / VITON / BARESHAFT

VC319



SIZE	PRICE	LGTH MM	LGTH MM	LGTH MM	LGTH MM	LGTH MM	LGTH MM	LGTH MM	LGTH MM	WEIGHT KG
		RJT Male	RJT Female	IDF Male	IDF Female	ILC Male	ILC Female	Clamp & BW	Manual Flanged	
1"	£149.25	80	85	80	102	80	102	60	260	On request
1 1/2"	£152.22	80	85	80	102	80	102	60	260	On request
2"	£161.10	80	85	80	102	80	102	60	260	On request
2 1/2"	£183.82	80	85	80	102	80	102	60	260	On request
3"	£201.07	80	85	80	102	80	102	60	260	On request
4"	£297.92	80	85	80	102	80	102	60	260	On request

Please call the sales team for your discount on this product

VALVE TYPE	Butterfly, Hygienic
BODY MATERIAL	Stainless Steel
END CONNECTION	RJT, IDF, ILC (Male & Female Options), Clamp, Butt Weld, Manual Flanged and Actuated Flanged all available
SEAT/SEAL	Viton Seal
RATED	IO Bar
OPERATION	Bareshaft (Lever and Actuator available)
OTHER	Price based on Plain Ends

Full specification sheet available on request

# BUTTERFLY, HYGIENIC / STAINLESS STEEL / RJT, IDF, ILC / BARESHAFT / NITRILE / BARESHAFT

VC320



SIZE	PRICE	LGTH MM	LGTH MM	LGTH MM	LGTH MM	LGTH MM	LGTH MM	LGTH MM	LGTH MM	WEIGHT KG
		RJT Male	RJT Female	IDF Male	IDF Female	ILC Male	ILC Female	Clamp & BW	Manual Flanged	
1"	£124.25	80	85	80	102	80	102	60	260	On request
1 1/2"	£127.22	80	85	80	102	80	102	60	260	On request
2"	£136.10	80	85	80	102	80	102	60	260	On request
2 1/2"	£158.82	80	85	80	102	80	102	60	260	On request
3"	£176.07	80	85	80	102	80	102	60	260	On request
4"	£272.92	80	85	80	102	80	102	60	260	On request

Please call the sales team for your discount on this product

VALVE TYPE	Butterfly, Hygienic
BODY MATERIAL	Stainless Steel
END CONNECTION	RJT, IDF, ILC (Male & Female Options), Clamp, Butt Weld, Manual Flanged and Actuated Flanged all available
SEAT/SEAL	Nitrile Seal
RATED	10 Bar
OPERATION	Bareshaft (Lever and Actuator available)
OTHER	Price based on Plain Ends

Full specification sheet available on request

# BUTTERFLY, HYGIENIC / STAINLESS STEEL / RJT, IDF, ILC / BARESHAFT / SILICONE / BARESHAFT

**VC321** 



SIZE	PRICE	LGTH MM	LGTH MM	LGTH MM	LGTH MM	LGTH MM	LGTH MM	LGTH MM	LGTH MM	WEIGHT KG
		RJT Male	RJT Female	IDF Male	IDF Female	ILC Male	ILC Female	Clamp & BW	Manual Flanged	
1"	£124.25	80	85	80	102	80	102	60	260	On request
1 1/2"	£127.22	80	85	80	102	80	102	60	260	On request
2"	£136.10	80	85	80	102	80	102	60	260	On request
2 1/2"	£158.82	80	85	80	102	80	102	60	260	On request
3"	£176.07	80	85	80	102	80	102	60	260	On request
4"	£272.92	80	85	80	102	80	102	60	260	On request

 $\label{product} \textit{Please call the sales team for your discount on this product}$ 

VALVE TYPE	Butterfly, Hygienic
BODY MATERIAL	Stainless Steel
END CONNECTION	RJT, IDF, ILC (Male & Female Options), Clamp, Butt Weld, Manual Flanged and Actuated Flanged all available
SEAT/SEAL	Silicone Seal
RATED	IO Bar
OPERATION	Bareshaft (Lever and Actuator available)
OTHER	Price based on Plain Ends



# BUTTERFLY, HYGIENIC / STAINLESS STEEL / RJT, IDF, ILC / STAINLESS STEEL MULTI STOP LEVER / EPDM / SS LEVER

VC322



SIZ	PRICE	LGTH MM	LGTH MM	LGTH MM	LGTH MM	LGTH MM	LGTH MM	LGTH MM	LGTH MM	WEIGHT KG
		RJT Male	RJT Female	IDF Male	IDF Female	ILC Male	ILC Female	Clamp & BW	Manual Flanged	
1"	£127.97	80	85	80	102	80	102	60	260	On request
1 1/2	." £130.95	80	85	80	102	80	102	60	260	On request
2"	£139.82	80	85	80	102	80	102	60	260	On request
2 1/2	." £162.55	80	85	80	102	80	102	60	260	On request
3"	£179.80	80	85	80	102	80	102	60	260	On request
4"	£276.62	80	85	80	102	80	102	60	260	On request

Please call the sales team for your discount on this product

VALVE TYPE	Butterfly, Hygienic
BODY MATERIAL	Stainless Steel
END CONNECTION	RJT, IDF, ILC (Male & Female Options), Clamp, Butt Weld, Manual Flanged and Actuated Flanged all available
SEAT/SEAL	EPDM Seal
RATED	10 Bar
OPERATION	Stainless Steel Multi Stop Lever (Bareshaft and Actuator available)
OTHER	Price based on Plain Ends

Full specification sheet available on request

# BUTTERFLY, HYGIENIC / STAINLESS STEEL / RJT, IDF, ILC / STAINLESS STEEL MULTI STOP LEVER / VITON / SS LEVER

VC323



SIZE	PRICE	LGTH MM	LGTH MM	LGTH MM	LGTH MM	LGTH MM	LGTH MM	LGTH MM	LGTH MM	WEIGHT KG
		RJT Male	RJT Female	IDF Male	IDF Female	ILC Male	ILC Female	Clamp & BW	Manual Flanged	
1"	£165.47	80	85	80	102	80	102	60	260	On request
1 1/2"	£168.45	80	85	80	102	80	102	60	260	On request
2"	£177.32	80	85	80	102	80	102	60	260	On request
2 1/2"	£200.05	80	85	80	102	80	102	60	260	On request
3"	£217.30	80	85	80	102	80	102	60	260	On request
4"	£314.12	80	85	80	102	80	102	60	260	On request

Please call the sales team for your discount on this product

VALVE TYPE	Butterfly, Hygienic
BODY MATERIAL	Stainless Steel
END CONNECTION	RJT, IDF, ILC (Male & Female Options), Clamp, Butt Weld, Manual Flanged and Actuated Flanged all available
SEAT/SEAL	Viton Seal
RATED	10 Bar
OPERATION	Stainless Steel Multi Stop Lever (Bareshaft and Actuator available)
OTHER	Price based on Plain Ends

Full specification sheet available on request

# BUTTERFLY, HYGIENIC / STAINLESS STEEL / RJT, IDF, ILC / STAINLESS STEEL MULTI STOP LEVER / NITRILE / SS LEVER

VC324



SIZE	PRICE	LGTH MM	LGTH MM	LGTH MM	LGTH MM	LGTH MM	LGTH MM	LGTH MM	LGTH MM	WEIGHT KG
		RJT Male	RJT Female	IDF Male	IDF Female	ILC Male	ILC Female	Clamp & BW	Manual Flanged	
1"	£140.47	80	85	80	102	80	102	60	260	On request
1 1/2"	£143.45	80	85	80	102	80	102	60	260	On request
2"	£152.32	80	85	80	102	80	102	60	260	On request
2 1/2"	£175.05	80	85	80	102	80	102	60	260	On request
3"	£192.30	80	85	80	102	80	102	60	260	On request
4"	£289.12	80	85	80	102	80	102	60	260	On request

Please call the sales team for your discount on this product

VALVE TYPE	Butterfly, Hygienic
BODY MATERIAL	Stainless Steel
END CONNECTION	RJT, IDF, ILC (Male & Female Options), Clamp, Butt Weld, Manual Flanged and Actuated Flanged all available
SEAT/SEAL	Nitrile Seal
RATED	IO Bar
OPERATION	Stainless Steel Multi Stop Lever (Bareshaft and Actuator available)
OTHER	Price based on Plain Ends

# **HYGIENIC VALVES**

# BUTTERFLY, HYGIENIC / STAINLESS STEEL / RJT, IDF, ILC / STAINLESS STEEL / SILICONE / SS LEVER

VC376



SIZE	PRICE	LGTH MM	LGTH MM	LGTH MM	LGTH MM	LGTH MM	LGTH MM	LGTH MM	LGTH MM	WEIGHT KG
		RJT Male	RJT Female	IDF Male	IDF Female	ILC Male	ILC Female	Clamp & BW	Manual Flanged	
1"	£140.47	80	85	80	102	80	102	60	260	On request
1 1/2"	£143.45	80	85	80	102	80	102	60	260	On request
2"	£152.32	80	85	80	102	80	102	60	260	On request
2 1/2"	£175.05	80	85	80	102	80	102	60	260	On request
3"	£192.30	80	85	80	102	80	102	60	260	On request
4"	£289.12	80	85	80	102	80	102	60	260	On request

Please call the sales team for your discount on this product

VALVE TYPE	Butterfly, Hygienic
BODY MATERIAL	Stainless Steel
END CONNECTION	RJT, IDF, ILC (Male & Female Options), Clamp, Butt Weld, Manual Flanged and Actuated Flanged all available
SEAT/SEAL	Silicone Seal
RATED	10 Bar
OPERATION	Stainless Steel Multi Stop Lever and Actuator available
OTHER	Price based on Plain Ends





# KNIFE GATE VALVES

Knife Gate, Unidirectional / Cast Iron, Stainless Steel Blade / to Suit PN10/16 Flanges / Handwheel	97
Knife Gate, Unidirectional / Cast Iron, Stainless Steel Blade / to Suit	
PNI0/16 Flanges / Lever Operated	97
Knife Gate, Unidirectional / Cast Iron, Stainless Steel Blade / to Suit	
PNI0/16 Flanges / Double Acting Pneumatic Actuator	97
Knife Gate, Unidirectional / Cast Iron, Stainless Steel Blade / to Suit	
PNI0/16 Flanges / Actuator Topworks	98

Knife Gate, Unidirectional / Stainless Steel, Stainless Steel Blade / to Suit
PNI0/16 Flanges / Handwheel
Knife Gate, Unidirectional / Stainless Steel, Stainless Steel Blade / to Suit
PNI0/16 Flanges / Lever98
Knife Gate, Unidirectional / Stainless Steel, Stainless Steel Blade / to Suit
PNI0/16 Flanges / Double Acting Pneumatic99
Knife Gate, Unidirectional / Stainless Steel, Stainless Steel Blade / to Suit
PNI0/16 Flanges / Actuator Not Included



# KNIFE GATE VALVES

# KNIFE GATE, UNIDIRECTIONAL / CAST IRON, STAINLESS STEEL BLADE / TO SUIT PNI0/16 FLANGES / HANDWHEEL

VCI52



SIZE	PRICE	LENGTH MM	WEIGHT KG
2"	£364.77	43	8
2 1/2"	£374.43	46	9
3"	£395.99	46	10
4"	£413.07	52	13
5"	£490.34	56	17
6"	£553.49	56	20
8"	£835.43	60	34
10"	£1,091.36	68	50
12"	£1,385.55	78	66
14"	£2,050.47	78	105
16"	£2,570.52	102	135

Please call the sales team for your discount on this product

VALVE TYPE	
BODY MATERIAL	
END CONNECTION	
SEAT/SEAL	
OPERATION	

Knife Gate, Unidirectional Cast Iron, Stainless Steel Blade

To suit PN10/16 Flanges, we also keep this item undrilled EPDM (Nitrile and Metal available)

Handwheel

Full specification sheet available on request

# KNIFE GATE, UNIDIRECTIONAL / CAST IRON, STAINLESS STEEL BLADE / TO SUIT PNI0/I6 FLANGES / LEVER OPERATED

**VC154** 



SIZE	PRICE	LENGTH MM	WEIGHT KG
2"	£468.42	43	8
2 1/2"	£480.68	46	9.2
3"	£507.05	46	10.3
4"	£523.76	52	12.7
5"	£608.46	56	16.4
6"	£685.73	56	19.7
8"	£954.66	60	33.5
10"	£1,236.98	68	48.6
12"	£1,541.57	78	60

Please call the sales team for your discount on this product

VALVE TYPE	
BODY MATERIAL	
END CONNECTION	
SEAT/SEAL	
OPER ATION	

Knife Gate, Unidirectional Cast Iron, Stainless Steel Blade

To suit PN10/16 Flanges, we also keep this item undrilled EPDM (Nitrile and Metal available)

Lever operated

Full specification sheet available on request

# KNIFE GATE, UNIDIRECTIONAL / CAST IRON, STAINLESS STEEL BLADE / TO SUIT PNI0/16 FLANGES / DOUBLE ACTING PNEUMATIC ACTUATOR

**VC153** 



SIZE	PRICE	LENGTH MM	WEIGHT KG
2"	£562.77	43	8.9
2 1/2"	£586.91	46	10
3"	£620.34	46	10.9
4"	£673.83	52	13.9
5"	£824.64	56	19
6"	£915.29	56	20.9
8"	£1,307.55	60	37.8
10"	£1,750.70	68	49.8
12"	£2,095.79	78	79
14"	£3,606.90	78	105
16"	£4,427.84	102	135

Please call the sales team for your discount on this product

VALVE TYPE	Knife Gate, Unidirectional
BODY MATERIAL	Cast Iron, Stainless Steel Blade
END CONNECTION	To suit PN10/16 Flanges, we also keep this item undrilled
SEAT/SEAL	EPDM (Nitrile and Metal available)
OPERATION	Double Acting Pneumatic Actuator



# KNIFE GATE, UNIDIRECTIONAL / CAST IRON, STAINLESS STEEL BLADE / TO SUIT PNI0/16 FLANGES / ACTUATOR TOPWORKS

VCI55



SIZE	PRICE	LENGTH MM	WEIGHT KG
2"	£521.54	43	8
2 1/2"	£528.96	46	9.2
3"	£550.50	46	10.3
4"	£568.34	52	12.7
5"	£642.63	56	16.4
6"	£705.03	56	19.7
8"	£999.24	60	33.5
10"	£1,226.57	68	48.6
12"	£1,516.31	78	60

Please call the sales team for your discount on this product

VALVE TYPE	Knife Gate, Unidirectional
BODY MATERIAL	Cast Iron, Stainless Steel Blade
END CONNECTION	To suit PN10/16 Flanges, we also keep this item undrilled
SEAT/SEAL	EPDM (Nitrile and Metal available)
OPERATION	ISO Topworks
OTHER	Actuator Topworks

Full specification sheet available on request

# KNIFE GATE, UNIDIRECTIONAL / STAINLESS STEEL, STAINLESS STEEL BLADE / TO SUIT PNI0/16 FLANGES / HANDWHEEL

**VCI56** 



SIZE	PRICE	LENGTH MM	WEIGHT KG
2"	£679.77	43	8
2 1/2"	£695.37	46	9.2
3"	£741.44	46	10.3
4"	£796.79	52	12.7
5"	£944.25	56	16.4
6"	£1,099.53	56	19.7
8"	£1,545.29	60	33.5
10"	£2,195.34	68	48.6
12"	£2,882.93	78	60

Please call the sales team for your discount on this product

VALVE TYPE	Knife Gate, Unidirectional
BODY MATERIAL	Stainless Steel, Stainless Steel Blade
END CONNECTION	To suit PN10/16 Flanges, we also keep this item undrilled
SEAT/SEAL	EPDM (Nitrile and Metal available)
OPERATION	Handwheel

Full specification sheet available on request

# KNIFE GATE, UNIDIRECTIONAL / STAINLESS STEEL, STAINLESS STEEL BLADE / TO SUIT PNI0/16 FLANGES / LEVER

**VC159** 



SIZE	PRICE	LENGTH MM	WEIGHT KG
2"	£789.74	43	8.9
2 1/2"	£809.04	46	10
3"	£881.48	46	10.9
4"	£962.09	52	13.9
5"	£1,120.34	56	19
6"	£1,267.80	56	20.9
8"	£1,767.42	60	37.8
10"	£2,447.94	68	49.8
12"	£3,146.28	78	79

Please call the sales team for your discount on this product

VALVE TYPE K	Knife Gate, Unidirectional
BODY MATERIAL S	Stainless Steel, Stainless Steel Blade
END CONNECTION T	To suit PN10/16 Flanges, we also keep this item undrilled
SEAT/SEAL E	EPDM (Nitrile and Metal available)
OPERATION L	Lever

# KNIFE GATE VALVES

# KNIFE GATE, UNIDIRECTIONAL / STAINLESS STEEL, STAINLESS STEEL BLADE / TO SUIT PNI0/16 FLANGES / DOUBLE ACTING PNEUMATIC

**VC157** 



SIZE	PRICE	LENGTH MM	WEIGHT KG
2"	£883.71	43	8.9
2 1/2"	£921.23	46	10
3"	£985.13	46	10.9
4"	£1,080.96	52	13.9
5"	£1,299.00	56	19
6"	£1,485.86	56	20.9
8"	£2,069.04	60	37.8
10"	£2,897.40	68	49.8
12"	£4,587.56	78	79

Please call the sales team for your discount on this product

VALVE TYPE	Knife Gate, Unidirectional
BODY MATERIAL	Stainless Steel, Stainless Steel Blade
END CONNECTION	To suit PN10/16 Flanges, we also keep this item undrilled
SEAT/SEAL	EPDM (Nitrile and Metal available)
OPERATION	Double Acting Pneumatic Actuator

Full specification sheet available on request

# KNIFE GATE, UNIDIRECTIONAL / STAINLESS STEEL, STAINLESS STEEL BLADE / TO SUIT PNI0/16 FLANGES / ACTUATOR NOT INCLUDED

VCI58



SIZE	PRICE	LENGTH MM	WEIGHT KG
2"	£835.79	43	8
2 1/2"	£854.73	46	9.2
3"	£898.20	46	10.3
4"	£951.32	52	12.7
5"	£1,096.19	56	16.4
6"	£1,244.78	56	19.7
8"	£1,619.58	60	33.5

Please call the sales team for your discount on this product

VALVE TYPE	Knife Gate, Unidirectional
BODY MATERIAL	Stainless Steel, Stainless Steel Blade
END CONNECTION	To suit PN10/16 Flanges, we also keep this item undrilled
SEAT/SEAL	EPDM (Nitrile and Metal available)
OPERATION	ISO Topworks
OTHER	Actuator not included





# NEEDLE VALVES

Needle / Brass / Screwed BSP Female	101
Needle / Stainless Steel / Screwed BSP Female	101
Needle / Stainless Steel / Screwed BSP Male/Female	101



# **NEEDLE VALVES**

### **NEEDLE / BRASS / SCREWED BSP FEMALE**

VC375



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/8"	£17.88	48	0.12
1/4"	£17.88	49	0.17
3/8"	£22.06	63	0.22
1/2"	£28.47	68	0.58

Please call the sales team for your discount on this product

VALVE TYPE	Needle
BODY MATERIAL	Brass
END CONNECTION	Screwed BSP Female
SEAT/SEAL	Stainless Steel Washers
RATED	1800 PSI
OPER ATION	T-Bar or Handwheel

Full specification sheet available on request

### NEEDLE / STAINLESS STEEL / SCREWED BSP FEMALE

VC253



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/4"	£44.34	48	0.29
3/8"	£51.72	48	0.29
1/2"	£66.99	68	0.72
3/4"	£101.57	71	0.93
["	£152.97	79	1.24

Please call the sales team for your discount on this product

VALVE TYPE	Needle
BODY MATERIAL	Stainless Steel
END CONNECTION	Screwed BSP Female (BSPT & NPT available
SEAT/SEAL	PTFE/Graphoil Packing
RATED	6000 PSI
OPERATION	T-Bar

Full specification sheet available on request

### NEEDLE / STAINLESS STEEL / SCREWED BSP MALE/FEMALE

VC254



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/4"	£54.72	49	0.29
3/8"	£59.82	49	0.31
1/2"	£86.09	68	0.67

 $\label{product} \textit{Please call the sales team for your discount on this product}$ 

VALVE TYPE	Needle
BODY MATERIAL	Stainless Steel
END CONNECTION	Screwed BSP Male/Female (BSPT & NPT available)
SEAT/SEAL	PTFE/Graphoil Packing
RATED	6000 PSI
OPERATION	T-Bar operated



Spring Check / Brass / Screwed BSP Female / NBR / Acetol Disc	103
Spring Check / Brass / Screwed BSP Female / Viton / Metal Disc	103
Spring Check / Brass / Screwed BSP Female / NBR / Polyacetol Disc	103
Spring Check / Brass / Screwed BSP Female / Male	104
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Swing Check / Brass / Screwed BSP Female	104
Y-Type Check / Brass, Stainless Steel Disc / Screwed BSP Female	105
Vertical Lift Check / Bronze / Screwed BSP Female	105
Swing Check / Bronze / Screwed BSP Female / Metal Seat	105
Horizontal Lift Check / Bronze / Screwed BSP Female / PTFE Disc	106
Swing Check / Bronze / Screwed BSP Female	106
Horizontal Lift Check / Bronze / Screwed BSP Female	106
Swing Check / Bronze / Flanged PN16	
Wafer Type Spring Check / Bronze / to Suit PN6-PN16 Flanges I/2"-	
PNI0/16 Flanges 4"	
Spring Check / Stainless Steel / Screwed BSP Female	107
High Pressure Check / Stainless Steel / Screwed BSP Female	108
Swing Type Check / Stainless Steel / Screwed BSP Female	
Swing Check / Stainless Steel / Flanged PN16	108
Swing Check / Stainless Steel / Flanged ANSI 150 RF	109
Swing Type Check, Wafer Type / Stainless Steel / to Suit PN10, PN16,	
ANSI I50* Flanges / EPDM	109
Spring Type Check, Wafer Type / Stainless Steel / Multi Flange with	
Locating Lugs to Suit PN10, PN16, ANSI 150* Flanges / NBR	109
Spring Check Wafer Type / Stainless Steel / Wafer Type to Suit	

1/2"-3"PN6/PN40, 4"PN10/40, ANSI 150*	110
Dual Plate Check / Stainless Steel / to Suit PN10/16	
Swing Check / Cast Iron Epoxy Coated / Flanged PN16	110
Swing Check with Outside Lever and Weight / Cast Iron Epoxy Coated	/
Flanged PN16	Ш
Swing Check Bs5153 / Cast Iron Epoxy Coated / Flanged PN16 /	
WRAS Approved	Ш
Swing Check Bs5153, Outside Lever & Weight / Cast Iron Epoxy Coate	d/
Flanged PN16 / WRAS Approved	
Swing Check / Cast Iron Body / Flanged PN16 / DIN3202	112
Swing Type Check / Cast Iron / Can Be Drilled to Suit PN10/16, ANSI	150,
Table D/E, JIS 5K/I0K	112
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PTFE Bushings	114
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Lift Type Check / Cast Steel / Flanged PN25/40	114
Swing Check Wafer Type / Carbon Steel, Zinc Plated / to Suit	
PNI0/16 Flanges	
Spring Check Wafer Type / Carbon Steel / Multi Flange with Locating L	
to Suit PN6, PN10, PN16 ANSI 150	
Swing Check / Cast Steel WCB / Flanged ANSI I50 RF	115

### SPRING CHECK / BRASS / SCREWED BSP FEMALE / NBR / ACETOL DISC

VCII2



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/4"	£7.13	45	0.1
3/8"	£5.61	45	0.12
1/2"	£5.81	45	0.13
3/4"	£8.13	47	0.18
Ι"	£10.17	56	0.24
/4"	£15.24	61	0.35
1 1/2"	£21.03	68	0.43
2"	£30.96	77	0.7
2 1/2"	£63.44	96	1.4
3"	£86.55	100	1.9
4"	£147.18	109	3

Please call the sales team for your discount on this product

VALVE TYPE	Spring Check
BODY MATERIAL	Brass
END CONNECTION	Screwed BSP Female
SEAT/SEAL	NBR Gasket, Acetal Disc
RATED	1/4"-1"16 Bar, 1 1/4"-2"10 Bar, 2 1/2"-4"8 Bar
OTHER	Opening Pressure   PSI

Full specification sheet available on request

### SPRING CHECK / BRASS / SCREWED BSP FEMALE / VITON / METAL DISC

VCII3



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£8.79	48	0.11
3/4"	£10.77	53	0.17
Ι"	£13.86	59	0.27
/4"	£21.50	66	0.39
1 1/2"	£25.05	71	0.5
2"	£36.24	80	0.83
2 1/2"	£88.56	93	1.53
3"	£122.84	104	2.16
4"	£174.51	119	3.51

Please call the sales team for your discount on this product

VALVE TYPE	Spring Check
BODY MATERIAL	Brass
END CONNECTION	Screwed BSP Female
SEAT/SEAL	Viton Gasket, Metal Disc
RATED	1/2"-1"35 Bar, 1 1/4"-2"25 Bar, 2 1/2"-4"16 Bar
OTHER	Opening Pressure   PSI

Full specification sheet available on request

### SPRING CHECK / BRASS / SCREWED BSP FEMALE / NBR / POLYACETOL DISC

VCII0



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£5.70	56	0.14
3/4"	£7.08	61	0.21
["	£10.32	75	0.29
/4"	£20.81	94	0.49
I I/2"	£28.05	100	0.6
2"	£38.04	110	0.84

Please call the sales team for your discount on this product

VALVE TYPE	Spring Check
BODY MATERIAL	Brass
END CONNECTION	Screwed BSP Female
SEAT/SEAL	NBR Seal, Polyacetal Disc
RATED	1/2"-3/4"PN40, 1"-1 1/4"PN25, 1 1/2"-2"PN16



### SPRING CHECK / BRASS / SCREWED BSP FEMALE/MALE

VCIII



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£5.72	54	0.125
3/4"	£8.78	60	0.19
["	£11.66	67	0.275
/4"	£18.90	77	0.45
I I/2"	£26.82	80	0.565
2"	£36.68	88	0.815

Please call the sales team for your discount on this product

VALVE TYPE	Spring Check
BODY MATERIAL	Brass
END CONNECTION	Screwed BSP Female/Male (also available Male/Female)
SEAT/SEAL	NBR Gasket
RATED	1/2"to 1"PN16, 1 1/4"to 2"PN10
OTHER	Opening Pressure 0.02 Bar

Full specification sheet available on request

### SWING CHECK / BRASS / SCREWED BSP FEMALE / METAL SEAT

**VC108** 



SIZE	PRICE	LENGTH MM	WEIGHT KG
3/8"	£8.67	47	0.17
1/2"	£7.08	47	0.15
3/4"	£8.66	54	0.21
["	£14.19	64	0.33
/4"	£20.82	76	0.5
1 1/2"	£26.43	83	0.66
2"	£38.63	98	1
2 1/2"	£59.27	116	1.57
3"	£90.90	135	2.26
4"	£160.76	164	3.78
6"	£887.43	235	15.68

Please call the sales team for your discount on this product

VALVE TYPE	Swing Check
BODY MATERIAL	Brass
END CONNECTION	Screwed BSP Female
SEAT/SEAL	Metal to Metal Seat
RATED	3/8"to 3"PNI6, 4"to 6"PNI0
KAILD	3/0 (0.3 ) (1410, 4 (0.0 ) (1410

Full specification sheet available on request

### SWING CHECK / BRASS / SCREWED BSP FEMALE

**VC109** 



SIZE	PRICE	LENGTH MM	WEIGHT KG
3/8"	£8.67	47	0.17
1/2"	£7.08	47	0.15
3/4"	£8.66	54	0.21
["	£14.19	64	0.33
/4"	£20.82	76	0.5
1 1/2"	£26.43	83	0.66
2"	£38.63	98	1
2 1/2"	£59.27	116	1.57
3"	£90.90	135	2.26
4"	£160.76	164	3.78
6"	£887.43	235	15.68

Please call the sales team for your discount on this product

VALVE TYPE	Swing Check
BODY MATERIAL	Brass
END CONNECTION	Screwed BSP Female
SEAT/SEAL	NBR Rubber Seats
RATED	3/8"to 3"PN16, 4"to 6"PN10

### Y-TYPE CHECK / BRASS, STAINLESS STEEL DISC / SCREWED BSP FEMALE

VCI38



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£15.11	52	0.14
3/4"	£18.51	63	0.22
Ι"	£25.01	75	0.38
/4"	£38.12	91	0.63
1 1/2"	£50.84	102	0.84
2"	£74.49	118	1.39

Please call the sales team for your discount on this product

VALVE TYPE	Y-Type Check	
BODY MATERIAL Brass, Stainless Steel Disc		
END CONNECTION	Screwed BSP Female	
SEAT/SEAL Viton Gasket		
RATED	1/2"-1"35 Bar, 1 1/4"-2"25 Bar	
OTHER Opening Pressure 0.02 PS		

Full specification sheet available on request

### VERTICAL LIFT CHECK / BRONZE / SCREWED BSP FEMALE

VC119



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£28.25	64	0.3
3/4"	£30.98	72	0.45
Ι"	£41.04	77	0.76
/4"	£52.77	87	1.05
1 1/2"	£69.95	96	1.35
2"	£129.17	III	2.05

Please call the sales team for your discount on this product

VALVE TYPE	Vertical Lift Check
BODY MATERIAL	Bronze
END CONNECTION	Screwed BSP Female
SEAT/SEAL	Integral Seat, Non-Metallic Disc
RATED	PN25

Full specification sheet available on request

### SWING CHECK / BRONZE / SCREWED BSP FEMALE / METAL SEAT

VCII4



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£31.41	60	0.38
3/4"	£32.31	70	0.59
Ι"	£41.85	80	0.88
/4"	£58.29	95	1.15
1 1/2"	£79.53	110	1.51
2"	£103.99	125	2.48

Please call the sales team for your discount on this product

VALVE TYPE	Swing Check
BODY MATERIAL	Bronze
END CONNECTION	Screwed BSP Female
SEAT/SEAL	Metal to Metal
RATED	PNI6



### HORIZONTAL LIFT CHECK / BRONZE / SCREWED BSP FEMALE / PTFE DISC

VC115



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£22.53	50	0.25
3/4"	£25.26	60	0.32
["	£32.27	70	0.45
1 1/4"	£45.86	85	0.75
I I/2"	£66.08	90	I
2"	£82.80	110	1.45

Please call the sales team for your discount on this product

VALVE TYPE
BODY MATERIAL
END CONNECTION
SEAT/SEAL
RATED
OTHER

Horizontal Lift Check Bronze Screwed BSP Female PTFE Disc PN16 Stainless Steel Spring

Full specification sheet available on request

### SWING CHECK / BRONZE / SCREWED BSP FEMALE

### VCII7



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£12.50	60	0.38
3/4"	£18.39	70	0.59
["	£24.18	80	0.88
/4"	£35.10	95	1.15
1 1/2"	£46.38	110	1.51
2"	£66.69	125	2.48
2 1/2"	£154.50	161	4.8
3"	£223.01	180	6.79
4"	£412.17	216	13.07

Please call the sales team for your discount on this product

VALVE TYPE
BODY MATERIAL
END CONNECTION
SEAT/SEAL
DATED

Swing Check
Bronze
Screwed BSP Female
Integral Seat, Non–Metallic Disc
PN25

Full specification sheet available on request

### HORIZONTAL LIFT CHECK / BRONZE / SCREWED BSP FEMALE

VCI18



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£12.63	55	0.38
3/4"	£21.59	67	0.59
["	£34.67	79	0.88
/4"	£49.55	88	1.15
1 1/2"	£74.42	101	1.51
2"	£81.12	123	2.48

Please call the sales team for your discount on this product

VALVE TYPE
BODY MATERIAL
END CONNECTION
SEAT/SEAL
RATED

Horizontal Lift Check Bronze Screwed BSP Female Integral Seat, Non-Metallic Disc PN32

### SWING CHECK / BRONZE / FLANGED PN16

VCI20



SIZE	PRICE	LENGTH MM	WEIGHT KG
1"	£232.10	100	2.5
1 1/4"	£297.26	110	3.65
1 1/2"	£350.52	130	4.5
2"	£451.68	150	5.7
2 1/2"	£592.92	175	9.4
3"	£754.62	180	10.4
4"	£1,185.90	200	13

Please call the sales team for your discount on this product

VALVE TYPE	Swing Check
BODY MATERIAL	Bronze
END CONNECTION	Flanged PN16 (Also available PN6, PN10, ANSI 150, Table D/E), we also keep this item undrilled
RATED	PNI6
OTHER	Prices Apply to PN16

Full specification sheet available on request

# WAFER TYPE SPRING CHECK / BRONZE / TO SUIT PN6-PN16 FLANGES 1/2"-3", PN10/16 FLANGES 4"

### VCII6



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£42.80	16	0.1
3/4"	£53.49	19	0.13
Ι"	£64.19	22	0.21
/4"	£78.45	28	0.48
1 1/2"	£96.29	32	0.63
2"	£128.37	40	l l
2 1/2"	£191.37	46	1.5
3"	£225.56	50	2
4"	£348.59	60	3.2

Please call the sales team for your discount on this product

VALVE TYPE	Wafer Type Spring Check
BODY MATERIAL	Bronze
END CONNECTION	To suit PN6-PN16 Flanges 1/2"-3", PN10/16 Flanges 4"
SEAT/SEAL	Stainless Steel Disc & Spring

Full specification sheet available on request

### SPRING CHECK / STAINLESS STEEL / SCREWED BSP FEMALE

### VCI32



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/4"	£34.91	54	0.125
3/8"	£34.91	54	0.115
1/2"	£32.28	54	0.95
3/4"	£40.05	72	0.145
["	£47.04	88	0.19
/4"	£62.24	99	0.29
1 1/2"	£77.21	117	0.43
2"	£141.75	121	0.685

Please call the sales team for your discount on this product

VALVE TYPE	Spring Check
BODY MATERIAL	Stainless Steel
END CONNECTION	Screwed BSP Female
SEAT/SEAL	Viton
RATED	0.3 to 16 Bar
OTHER	Stainless Steel Spring



### HIGH PRESSURE CHECK / STAINLESS STEEL / SCREWED BSP FEMALE

VCI35



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/4"	£41.85	70	0.16
3/8"	£52.35	70	0.17
1/2"	£64.49	85	0.37
3/4"	£127.08	92	0.59
["	£156.21	100	0.95

Please call the sales team for your discount on this product

VALVE TYPE	High Pressure Check
BODY MATERIAL	Stainless Steel
END CONNECTION	Screwed BSP Female (Also available in BSPT and NPT)
SEAT/SEAL	Stainless Steel Spring Disc, Buna N Sealing Disc
RATED	400 BAR
OTHER	Cracking Pressure 5 PSI

Full specification sheet available on request

### SWING TYPE CHECK / STAINLESS STEEL / SCREWED BSP FEMALE

VC12



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£63.53	65	0.25
3/4"	£72.53	80	0.45
1"	£83.00	90	0.6
1 1/4"	£111.41	105	0.75
1 1/2"	£147.90	120	1.05
2"	£208.40	140	1.6

Please call the sales team for your discount on this product

VALVE TYPE	Swing Type Check
BODY MATERIAL	Stainless Steel
END CONNECTION	Screwed BSP Female
RATED	200 PSI

Full specification sheet available on request

### SWING CHECK / STAINLESS STEEL / FLANGED PNI6

VCI33



SIZE	PRICE	LENGTH MM	WEIGHT KG
Ι"	£315.17	135	3.1
1 1/2"	£500.94	165	6.1
2"	£522.51	203	8.5
2 1/2"	£696.74	216	12.2
3"	£796.28	241	16.8
4"	£1,210.98	292	25.8
6"	£2,023.79	356	50

Please call the sales team for your discount on this product

VALVE TYPE	Swing Check
BODY MATERIAL	Stainless Steel
END CONNECTION	Flanged PN16, we also keep this item undrilled
SEAT/SEAL	Gasket PTFE
OTHER	Bolted Bonnet

### SWING CHECK / STAINLESS STEEL / FLANGED ANSI 150 RF

VCI34



SIZE	PRICE	LENGTH MM	WEIGHT KG
["	£315.17	135	2.3
1 1/2"	£500.94	165	4.71
2"	£522.51	203	7.2
3"	£796.28	241	13.8
4"	£1,210.98	292	28

Please call the sales team for your discount on this product

VALVE TYPE	Swing Check
BODY MATERIAL	Stainless Steel
END CONNECTION	Flanged ANSI 150 RF, we also keep this item undrilled
SEAT/SEAL	Gasket PTFE
OTHER	Bolted Bonnet

Full specification sheet available on request

# SWING TYPE CHECK, WAFER TYPE / STAINLESS STEEL / TO SUIT PNI0, PNI6, ANSI 150\* FLANGES / EPDM

VCI28



SIZE	PRICE	LENGTH MM	WEIGHT KG
2"	£166.41	14	0.9
2 1/2"	£190.19	14	1.2
3"	£268.31	14	1.5
4"	£353.21	18	2.4
5"	£451.70	18	3.4
6"	£523.02	20	4.6
8"	£835.47	22	7.5
10"	£1,347.45	26	13.1
12"	£2,076.51	32	20.4

Please call the sales team for your discount on this product

VALVE TYPE	Swing Type Check, Wafer Type
BODY MATERIAL	Stainless Steel
END CONNECTION	To suit PN10, PN16, ANSI 150* Flanges, we also keep this item undrilled
SEAT/SEAL	EPDM
OTHER	*Dependant on size

Full specification sheet available on request

# SPRING TYPE CHECK, WAFER TYPE / STAINLESS STEEL / MULTI FLANGE WITH LOCATING LUGS TO SUIT PNI0, PNI6, ANSI 150\* FLANGES / NBR

**VC129** 



SIZE	PRICE	LENGTH MM	WEIGHT KG
2"	£177.21	19	0.82
2 1/2"	£222.56	22	1.25
3"	£257.58	24	1.86
4"	£309.09	29	2.42
5"	£422.43	35	3.1
6"	£473.94	36	5.23
8"	£690.32	38	8.48

 ${\it Please \ call \ the \ sales \ team \ for \ your \ discount \ on \ this \ product}$ 

VALVE TYPE	Spring Type Check, Wafer Type
BODY MATERIAL	Stainless Steel
END CONNECTION	Multi Flange with Locating Lugs to suit PN10, PN16, ANSI 150* Flanges.
SEAT/SEAL	NBR O-Ring Seal
OTHER	available with Viton, PTFE or Metal Seat. *Dependant on size



# SPRING CHECK WAFER TYPE / STAINLESS STEEL / WAFER TYPE TO SUIT 1/2"-3"PN6/PN40, 4"PN10/40, ANSI 150\*

VCI30



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£39.48	17	0.12
3/4"	£50.51	20	0.2
1"	£63.18	22	0.3
/4"	£90.02	28	0.4
1 1/2"	£115.67	32	0.6
2"	£159.00	40	0.8
2 1/2"	£236.91	46	1.5
3"	£321.12	50	1.9
4"	£443.10	60	3.3

Please call the sales team for your discount on this product

VALVE TYPE
BODY MATERIAL
END CONNECTION
A-11-1-1

Spring Check Wafer Type Stainless Steel

Wafer Type to Suit 1/2"-3"PN6/PN40, 4"PN10/40, ANSI 150\*

Disc and Spring Stainless Steel. \*Dependant on size

Full specification sheet available on request

### DUAL PLATE CHECK / STAINLESS STEEL / TO SUIT PNI0/16

VCI31



SIZE	PRICE	LENGTH MM	WEIGHT KG
2"	£234.41	43	1.2
2 1/2"	£294.98	46	1.9
3"	£400.08	64	3
4"	£472.20	64	4
5"	£708.00	70	6
6"	£1,032.71	76	8.5
8"	£1,694.66	89	15

Please call the sales team for your discount on this product

VALVE TYPE	Dual Plate Check
BODY MATERIAL	Stainless Steel
END CONNECTION	To suit PN10/16
SEAT/SEAL	Viton
OTHER	Stainless Steel Plates

Full specification sheet available on request

### SWING CHECK / CAST IRON EPOXY COATED / FLANGED PN16

VCI2I



SIZE	PRICE	LENGTH MM	WEIGHT KG
I I/2"	£83.88	180	9
2"	£99.69	200	H
2 1/2"	£143.99	240	15.2
3"	£179.60	260	20.5
4"	£240.80	300	31.5
5"	£338.84	350	46
6"	£436.83	400	60
8"	£1,068.68	500	120
10"	£1,676.51	600	180
12"	£2,650.85	700	250

Please call the sales team for your discount on this product

VALVE TYPE	Swing Check
BODY MATERIAL	Cast Iron Epoxy Coated
END CONNECTION	Flanged PN16, we also keep this item undrilled
SEAT/SEAL	Body Seat Cast Iron, Swing Seat EPDM Rubber
OTHER	can be supplied with Lever, Weight and Arm and Guards

# SWING CHECK WITH OUTSIDE LEVER AND WEIGHT / CAST IRON EPOXY COATED / FLANGED PNI6

VCI22



SIZE	PRICE	LENGTH MM	WEIGHT KG
2"	£248.04	200	18
2 1/2"	£282.39	240	24
3"	£334.87	260	27
4"	£399.35	300	36
5"	£566.07	350	49
6"	£672.20	400	67
8"	£1,659.39	500	129
10"	£2,614.34	600	198

Please call the sales team for your discount on this product

VALVE TYPE	Swing Check with Outside Lever and Weight
BODY MATERIAL	Cast Iron Epoxy Coated
END CONNECTION	Flanged PN16, we also keep this item undrilled
SEAT/SEAL	Body Seat Cast Iron, Swing Seat EPDM Rubber
OTHER	Can be supplied with Guards

Full specification sheet available on request

### SWING CHECK BS5153 / CAST IRON EPOXY COATED / FLANGED PN16 / WRAS APPROVED

**VC123** 



SIZE	PRICE	LENGTH MM	WEIGHT KG
2"	£183.00	203	13
3"	£216.00	241	22
4"	£271.50	292	26
6"	£450.00	356	75
8"	£990.00	495	134
10"	£1,248.00	622	155
12"	£1,767.00	698	223

Please call the sales team for your discount on this product

VALVE TYPE	Swing Check BS5153
BODY MATERIAL	Cast Iron Epoxy Coated
END CONNECTION	Flanged PN16, we also keep this item undrilled
SEAT/SEAL	Body Seats Bronze
OTHER	Water Works use, WRAS Approved, can be supplied with Lever, Arm & Weight and Guards

Full specification sheet available on request

## SWING CHECK BS5153, OUTSIDE LEVER & WEIGHT / CAST IRON EPOXY COATED / FLANGED PNI6 / WRAS APPROVED

**VC124** 



SIZE	PRICE	LENGTH MM	WEIGHT KG
2"	£217.50	203	18
3"	£238.50	241	29
4"	£288.00	292	34
5"	£516.00	330	41
6"	£516.00	356	84
8"	£1,012.50	495	146
10"	£1,341.00	622	163
12"	£1.939.50	698	223

Please call the sales team for your discount on this product

VALVE TYPE	Swing Check BS5153, Outside Lever & Weight
BODY MATERIAL	Cast Iron Epoxy Coated
END CONNECTION	Flanged PN16, we also keep this item undrilled
SEAT/SEAL	Body Seats Bronze
OTHER	Water Works use, can be supplied with Guards, WRAS Approved



### SWING CHECK / CAST IRON BODY / FLANGED PN16 / DIN3202

VCI26



SIZE	PRICE	LENGTH MM	WEIGHT KG
1 1/2"	£83.88	180	7
2"	£99.69	200	11.6
2 1/2"	£143.99	240	17.5
3"	£179.60	260	21.4
4"	£240.80	300	37
5"	£338.84	350	56.2
6"	£436.83	400	72.4
8"	£675.36	500	122.7
10"	£1,347.87	600	198
12"	£1,852.35	700	292

Please call the sales team for your discount on this product

VALVE TYPE	Swing Check
BODY MATERIAL	Cast Iron Body
END CONNECTION	Flanged PN16, we also keep this item undrilled
SEAT/SEAL	EPDM Disc Ring, Cast Iron Disc
RATED	I6 Bar
OTHER	Conforms to DIN3202 F6 Standard, can be supplied with Lever, Arm & Weight and Guards

Full specification sheet available on request

# SWING TYPE CHECK / CAST IRON / CAN BE DRILLED TO SUIT PNI0/16, ANSI 150, TABLE D/E, JIS 5K/10K

VC397



SIZE	PRICE	LENGTH MM	WEIGHT KG
2"	£312.50	203	On request
2 1/2"	£400.00	216	On request
3"	£475.00	241	On request
4"	£675.00	292	On request
5"	£875.00	330	On request
6"	£1,000.00	356	On request
8"	£1,875.00	495	On request
10"	£2,500.00	622	On request
12"	£3,250.00	698	On request

Please call the sales team for your discount on this product

VALVE TYPE	Swing Type Check
BODY MATERIAL	Cast Iron
END CONNECTION	Can be drilled to suit PN10/16, ANSI 150, Table D/E, JIS 5K/10K
SEAT/SEAL	Bronze Seat Ring BS1400 LG2

Full specification sheet available on request

### DUAL PLATE CHECK / CAST IRON EPOXY COATED / TO SUIT PNI6 FLANGES

**VC125** 



SIZE	PRICE	LENGTH MM	WEIGHT KG
2"	£58.04	43	1.4
2 1/2"	£69.33	46	2.08
3"	£81.63	64	3.46
4"	£102.20	64	4.5
5"	£141.12	70	6.2
6"	£170.85	76	8.8
8"	£279.65	89	15.2
10"	£453.15	114	26.24
12"	£576.38	114	29.3
14"	£1,069.50	127	48
16"	£1,422.00	140	65
18"	£2,853.15	152	78
20"	£3,192.90	152	110
24"	£5,471.70	178	157

Please call the sales team for your discount on this product

VALVE TYPE	Dual Plate Check
BODY MATERIAL	Cast Iron Epoxy Coated
END CONNECTION	To suit PN16 Flanges, we also keep this item undrilled
SEAT/SEAL	EPDM
RATED	I6 Bar
OPERATION	N/A
OTHER	Stainless Steel Plates, Pins & Springs

### BALL CHECK / CAST IRON EPOXY COATED / SCREWED BSP FEMALE

VC243



SIZE	PRICE	LENGTH MM	WEIGHT KG
Ι"	£64.50	121	2
/4"	£70.20	141	2.2
1 1/2"	£78.93	150	2.8
2"	£101.25	175	3.9
2 1/2"	£142.44	210	6.5
3"	£231.32	245	8.1

Please call the sales team for your discount on this product

VALVE TYPE	Ball Check
BODY MATERIAL	Cast Iron Epoxy Coated
END CONNECTION	Screwed BSP Female
OTHER	Floating Ball on request

Full specification sheet available on request

### BALL CHECK / CAST IRON EPOXY COATED / FLANGED PNI0

VC242



SIZE	PRICE	LENGTH MM	WEIGHT KG
I I/2"	£162.36	200	9.4
2"	£162.36	200	9.4
2 1/2"	£197.25	240	12.5
3"	£237.15	260	15
4"	£342.69	300	20
5"	£513.15	350	30
6"	£653.63	400	38
8"	£1,270.10	500	70
10"	£2,466.36	600	125
12"	£3,438.68	700	180
14"	£5,475.60	800	290
16"	£10,010.52	900	420
20"	On request	1100	580

Please call the sales team for your discount on this product

VALVE TYPE	Ball Check
BODY MATERIAL	Cast Iron Epoxy Coated
END CONNECTION	Flanged PNI0 (PNI6 Drilled to Order)
SEAT/SEAL	Nitrile Seat
OTHER	Floating Ball on request

Full specification sheet available on request

### DISC CHECK / CAST IRON EPOXY COATED / FLANGED PNI6

VC244



SIZE	PRICE	LENGTH MM	WEIGHT KG
2"	£138.84	100	6
2 1/2"	£164.27	120	7.6
3"	£203.63	140	9.8
4"	£246.41	165	13.8
5"	£423.48	195	20.6
6"	£532.23	230	28.6
8"	£1,146.99	290	48.5
10"	£1,646.52	355	81.5

Please call the sales team for your discount on this product

VALVE TYPE	Disc Check
BODY MATERIAL	Cast Iron Epoxy Coated
END CONNECTION	Flanged PNI6, we also keep this item undrilled
SEAT/SEAL	EPDM Gasket
RATED	0.5 to 16 Bar
OTHER	Cast Iron Disc, Bronze Bearing



# WALL MOUNTED DOUBLE HINGED FLAP / DUCTILE IRON / BRONZE SEAT, PTFE BUSHINGS

VC290



SIZE	PRICE	LENGTH MM	WEIGHT KG
3"	£191.85	200	5
4"	£269.10	220	6
6"	£358.02	285	П
8"	£577.98	332	16
10"	£861.32	400	23
12"	£1,158.30	454	32
14"	£1,642.50	550	34
16"	£1,800.00	580	49

Please call the sales team for your discount on this product

VALVE TYPE	
BODY MATERIAL	
SEAT/SEAL	

Wall Mounted Double Hinged Flap Ductile Iron Bronze Seat, PTFE Bushings

Full specification sheet available on request

### PISTON CHECK / FORGED STEEL A105 / SCREWED BSP FEMALE

VCI36



SIZE	PRICE	LENGTH	WEIGHT
1/2"	£43.13	79	1.1
3/4"	£54.02	92	1.2
["	£64.23	111	2.5
1 1/2"	£147.38	152	5
2"	£174.36	171	10.5

Please call the sales team for your discount on this product

VALVE TYPE	Piston Check
BODY MATERIAL	Forged Steel A105
END CONNECTION	Screwed BSP Female
SEAT/SEAL	Trim 13% Cr + Hard Faced Seat No
RATED	Class 800 (1500 available)
OTHER	Also available in SW & NPT

Full specification sheet available on request

### LIFT TYPE CHECK / CAST STEEL / FLANGED PN25/40

VCI50



SIZE	PRICE	LENGTH MM	WEIGHT KG
1"	£400.88	160	3.9
/4"	£475.73	180	5.5
1 1/2"	£480.38	200	7
2"	£503.24	230	9.2
2 1/2"	£643.46	290	12.2
3"	£702.83	310	17.2
4"	£946.65	350	25
5"	£1,302.51	400	36
6"	£1,749.00	480	45

Please call the sales team for your discount on this product

VALVE TYPE	Lift Type Check
BODY MATERIAL	Cast Steel
END CONNECTION	Flanged PN25/40, we also keep this item undrilled
SEAT/SEAL	Graphite Packing, Seat Ring X12Cr13
OTHER	Spring XI7CrNi16-2

Full specification sheet available on request

# SWING CHECK WAFER TYPE / CARBON STEEL, ZINC PLATED / TO SUIT PNI0/16 FLANGES

**VC148** 



SIZE	PRICE	LENGTH MM	WEIGHT KG
2"	£96.29	14	0.9
2 1/2"	£110.55	14	1.2
3"	£142.64	14	1.5
4"	£167.61	18	2.4
5"	£217.53	18	3.4
6"	£241.16	20	4.6
8"	£313.82	22	7.5
10"	£587.48	26	13.1
12"	£703.29	32	20.4

Please call the sales team for your discount on this product

VALVE TYPE	Swing Check Wafer Type
BODY MATERIAL	Carbon Steel, Zinc Plated
END CONNECTION	To suit PN10/16 Flanges, we also keep this item undrilled
SEAT/SEAL	EPDM
OTHER	Stainless Steel Disc up to 8"

Full specification sheet available on request

# SPRING CHECK WAFER TYPE / CARBON STEEL / MULTI FLANGE WITH LOCATING LUGS TO SUIT PN6, PN10, PN16 ANSI 150

VCI49



SIZE	PRICE	LENGTH MM	WEIGHT KG
2"	£115.89	19	0.82
2 1/2"	£130.16	22	1.25
3"	£153.35	24	1.86
4"	£185.43	29	2.42
5"	£222.87	35	3.1
6"	£272.81	36	5.23
8"	£397.62	38	8.48

 ${\it Please \ call \ the \ sales \ team \ for \ your \ discount \ on \ this \ product}$ 

VALVE TYPE	Spring Check Wafer Type
BODY MATERIAL	Carbon Steel
END CONNECTION	Multi Flange with Locating Lugs to suit PN6, PN10, PN16 ANSI 150
SEAT/SEAL	NBR O-Ring Seal, available with Viton, PTFE ot Metal Seat
OTHER	Stainless Steel Spring

Full specification sheet available on request

### SWING CHECK / CAST STEEL WCB / FLANGED ANSI 150 RF

VCI37



SIZE	PRICE	LENGTH MM	WEIGHT KG
2"	£193.46	203	15
2 1/2"	£225.62	216	26
3"	£288.62	241	27
4"	£415.41	292	42
6"	£638.24	356	75
8"	£1,166.58	495	124
10"	£1,593.95	622	220

Please call the sales team for your discount on this product

VALVE TYPE	Swing Check
BODY MATERIAL	Cast Steel WCB
END CONNECTION	Flanged ANSI 150 RF, we also keep this item undrilled
SEAT/SEAL	Trim 13% CR + Hard Faced Seat
OTHER	Bolted Cover



# PARALLEL SLIDE VALVES

Parallel Slide / Cast Iron / Can Be Drilled to Suit PN6/10/16, ANSI 150,
Table D/E, JIS 5K/10K
Parallel Slide / Cast Steel / Can Be Drilled to Suit PN10/16, ANSI 150,
Table D/E, JIS 5K/10K
Parallel Slide / Cast Steel / Can Be Drilled to Suit PN10/16/25/40, ANSI
150/300, Table D/E/F/H, JIS 5K/10K/16K

Parallel Slide / Cast Steel / Flanged ANSI 150	118
Parallel Slide / Cast Steel / Flanged ANSI 300	118
Parallel Slide / Cast Steel WCB / Flanges Can Be Drilled PN10/16/2	5/40,
ANSI 150/300, Table D/E/F/H, JIS 5K/10K/16K	118



# PARALLEL SLIDE VALVES

PARALLEL SLIDE / CAST IRON / CAN BE DRILLED TO SUIT PN6/10/16, ANSI 150, TABLE D/E, JIS 5K/10K

**VC261** 



SIZE	PRICE	LENGTH MM	WEIGHT KG
2"	£1,280.00	178	18
2 1/2"	£1,365.00	190	21
3"	£1,592.50	203	27
4"	£1,965.00	229	40
5"	£3,102.50	254	62
6"	£3,640.00	267	75
8"	£5,422.50	292	127
10"	£8,490.00	330	210

Please call the sales team for your discount on this product

VALVE TYPE	Parallel Slide
BODY MATERIAL	Cast Iron
END CONNECTION	Can be drilled to suit PN6/10/16, ANS1 150, Table D/E, JIS 5K/10K, we also keep this item undrilled
SEAT/SEAL	Hard Faced Nickel Alloy
OPERATION	Handwheel (actuation available, please enquire)

Full specification sheet available on request

## PARALLEL SLIDE / CAST STEEL / CAN BE DRILLED TO SUIT PN10/16, ANSI 150, TABLE D/E, JIS 5K/10K

VC262



SIZE	PRICE	LENGTH MM	WEIGHT KG
2"	£1,415.00	178	22
2 1/2"	£1,562.50	190	28
3"	£1,750.00	203	38
4"	£2,112.50	229	53
5"	£3,500.00	254	84
6"	£4,012.50	267	109
8"	£7,000.00	292	160
10"	£9,125.00	330	255

Please call the sales team for your discount on this product

VALVE TYPE	Parallel Slide
BODY MATERIAL	Cast Steel
END CONNECTION	Can be drilled to suit PN10/16, ANSI 150, Table D/E, JIS 5K/10K, we also keep this item undrilled
SEAT/SEAL	Hard Faced Nickel Alloy
OPERATION	Handwheel (actuation available, please enquire)

Full specification sheet available on request

# PARALLEL SLIDE / CAST STEEL / CAN BE DRILLED TO SUIT PN10/16/25/40, ANSI 150/300, TABLE D/E/F/H, JIS 5K/10K/16K

VC263



SIZE	PRICE	LENGTH MM	WEIGHT KG
2"	£1,500.00	216	22
2 1/2"	£1,812.50	241	28
3"	£3,500.00	283	38
4"	£4,267.50	305	53
5"	£6,250.00	381	84
6"	£7,165.00	403	109
8"	£10,572.50	419	160
10"	£16,555.00	457	255
12"	£18,750.00	Contact Office	Contact Office
14"	£21,250.00	Contact Office	Contact Office

Please call the sales team for your discount on this product

VALVE TYPE	Parallel Slide
BODY MATERIAL	Cast Steel
END CONNECTION	Can be drilled to suit PN10/16/25/40, ANSI 150/300, Table D/E/F/H, JIS 5K/10K/16K, we also keep this item undrilled
SEAT/SEAL	Hard Faced Nickel Alloy
OPERATION	Handwheel (actuation available, please enquire)



### PARALLEL SLIDE / CAST STEEL / FLANGED ANSI 150

VC264



SIZE	PRICE	LENGTH MM	WEIGHT KG
2"	£552.50	178	22
2 1/2"	£657.52	190	28
3"	£752.50	203	38
4"	£1,025.00	229	53
6"	£1,682.50	267	109
8"	£2,482.50	292	160
10"	£3,445.00	330	255

Please call the sales team for your discount on this product

VALVE TYPE
BODY MATERIAL
END CONNECTION
SEAT/SEAL
OPERATION

Parallel Slide Cast Steel Flanged ANSI

Flanged ANSI 150, we also keep this item undrilled

Hard Faced Nickel Alloy

Handwheel (actuation available, please enquire)

Full specification sheet available on request

### PARALLEL SLIDE / CAST STEEL / FLANGED ANSI 300

**VC265** 



SIZE	PRICE	LENGTH MM	WEIGHT KG
2"	£712.50	216	22
2 1/2"	£820.00	241	28
3"	£1,012.50	283	38
4"	£1,357.50	305	53
6"	£2,260.00	403	109
8"	£3,610.00	419	160
10"	£5,590.00	457	255

Please call the sales team for your discount on this product

VALVE TYPE	Parallel Slide
BODY MATERIAL	Cast Steel
END CONNECTION	Flanged ANSI 300, we also keep this item undri
SEAT/SEAL	Hard Faced Nickel Alloy
OPERATION	Handwheel (actuation available, please enquire)

Full specification sheet available on request

# PARALLEL SLIDE / CAST STEEL WCB / FLANGES CAN BE DRILLED PNI0/16/25/40, ANSI 150/300, TABLE D/E/F/H, JIS 5K/10K/16K

VC398



SIZE	PRICE	LENGTH MM	WEIGHT KG
2"	£1,250.00	254	On request
2 1/2"	£1,500.00	273	On request
3"	£1,750.00	292	On request
4"	£1,987.50	330	On request
5"	£3,000.00	381	On request
6"	£3,375.00	394	On request
8"	£5,000.00	445	On request
10"	£8,000.00	457	On request
12"	£10,000.00	508	On request

Please call the sales team for your discount on this product

VALVE TYPE	Parallel Slide
BODY MATERIAL	Cast Steel WCB
END CONNECTION	Flanges can be drilled PN10/16/25/40, ANSI 150/300, Table D/E/F/H, JIS 5K/10K/16K, we also keep this item undrilled
SEAT/SEAL	Hard Faced Nickel Alloy
OPERATION	Handwheel (actuation available, please enquire)

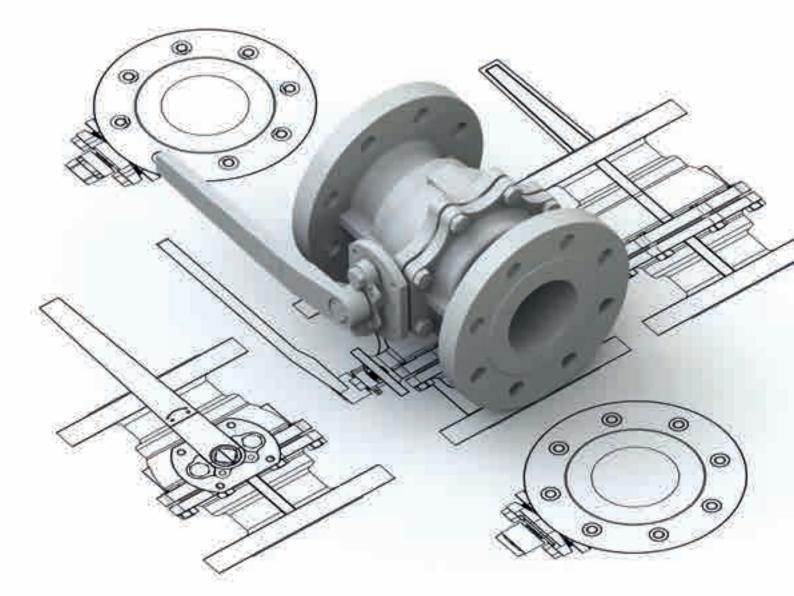
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Full specification sheet available on request



### Vast stock with technical expertise

We have at present, over 6000 valves and 1000 actuators available from stock. Valve Center's highly qualified sales team is equipped to deal with your enquiry over the telephone. We have full technical specification sheets at hand, which can be electronically forwarded to you for your approval.





# PINCH VALVES

Socket Pinch / Black Pom / Screwed BSP Female	Socket Pinch / Aluminum Body / Screwed BSP Female
Socket Pinch / White Pom / Screwed BSP Female	Pinch / Aluminium / Flanged PN10/16



# PINCH VALVES

### SOCKET PINCH / BLACK POM / SCREWED BSP FEMALE

VC251



SIZE	PRICE	LENGTH MM	WEIGHT KG
3/8"	£108.00	80	0.15
1/2"	£140.00	95	0.25
3/4"	£162.00	103	0.35
Ι"	£184.00	120	0.5
/4"	£236.00	135	0.65
I I/2"	£270.00	160	I
2"	£344.00	170	1.5

Please call the sales team for your discount on this product

VALVE TYPE	Socket Pinch
BODY MATERIAL	Black POM
END CONNECTION	Screwed BSP Female (RTJ, Tri Clamp/Clover & IDF available)
SEAT/SEAL	POM Socket, (Stainless Steel & PVC available)
RATED	6 Bar
OPERATION	Air
SLEEVES AVAILABLE	Natural Rubber Anti-Abrasive, Natural Rubber Food Quality, EPDM, Nitrile, Hypalon, Butyl, Neoprene

Full specification sheet available on request

### SOCKET PINCH / WHITE POM / SCREWED BSP FEMALE

VC32!



SIZE	PRICE	LENGTH MM	WEIGHT KG
3/8"	£118.00	80	0.15
1/2"	£150.00	95	0.25
3/4"	£172.00	103	0.35
1"	£194.00	120	0.5
1 1/4"	£246.00	135	0.65
1 1/2"	£280.00	160	1
2"	£354.00	170	1.5

Please call the sales team for your discount on this product

VALVE TYPE	Socket Pinch
BODY MATERIAL	White POM
END CONNECTION	Screwed BSP Female (RTJ, Tri Clamp/Clover & IDF available)
SEAT/SEAL	POM Socket, (Stainless Steel & PVC available)
RATED	6 Bar
OPERATION	Air
SLEEVES AVAILABLE	Natural Rubber Anti-Abrasive, Natural Rubber Food Quality ,EPDM, Nitrile, Hypalon, Butyl, Neoprene

Full specification sheet available on request

### SOCKET PINCH / ALUMINUM BODY / SCREWED BSP FEMALE

VC326



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£156.00	134	0.25
3/4"	£176.00	140	0.35
Ţ"	£200.00	145	0.5
/4"	£270.00	169	0.65
1 1/2"	£320.00	200	1
2"	£430.00	213	1.5

Please call the sales team for your discount on this product

VALVE TYPE	Socket Pinch
BODY MATERIAL	Aluminum Body
END CONNECTION	Screwed BSP Female (RTJ, Tri Clamp/Clover & IDF available)
SEAT/SEAL	POM Socket, (Stainless Steel & PVC available)
RATED	6 Bar
OPERATION	Air
SLEEVES AVAILABLE	Natural Rubber Anti-Abrasive, Natural Rubber Food Quality, EPDM, Nitrile, Hypalon, Butyl, Neoprene



### PINCH / ALUMINIUM / FLANGED PNI0/16

VC252



SIZE	PRICE	LENGTH MM	WEIGHT KG
1 1/2"	£280.00	155	3.1
2"	£340.00	183	4
2 1/2"	£350.00	183	On request
3"	£440.00	228	6
4"	£600.00	282	On request
5"	£800.00	350	9.3
6"	£1,105.00	420	On request
8"	£1,593.75	555	On request

Please call the sales team for your discount on this product

VALVE TYPE	Pinch
BODY MATERIAL	Aluminium (Stainless Steel available)
END CONNECTION	Flanged PN10/16 (ANSI 150 available), we also keep this item undrilled
SEAT/SEAL	Natural Rubber (Food grade, EPDM, Viton, Silicon, Nitrile, Neoprene, Hypalon and Butyl available)
RATED	6 Bar upto 6", 4 Bar – 8", 2 Bar – 10"
OPERATION	Air
OTHER	Stainless Steel/Steel Bushing
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Customer satisfaction is paramount, but don't just take our word for it

**Quality**—We were delighted to discover that 100% of you, our customers, that took part in our survey were happy with the quality of our products, with over 90% rating the quality between good and excellent!





# PLASTIC VALVES

Air Release Valve / ABS / Plain Sockets	Economy Single Union Ball Valve / PVCU / BSP Female X BSP Male130
Double Union Ball Valves / ABS / Plain Sockets	Double Union Ball Valve / PVCU / Plain Sockets
Check Valve / ABS / Plain Sockets	Double Union Ball Valve / PVCU / BSP Female
Air Release Valves / PVCU / Plain Sockets	Economy Butterfly Valve / PVCU / Wafer Type to Fit PN10/16 Flanges 135
3-Way Ball Valves L-Port / PVCU / Plain Sockets	Industrial Butterfly Valve / PVCU / Wafer Type to Fit PN10/16 Flanges 135
Economy Double Union Ball Valve / PVCU / Plain Sockets	Check Valve / PVCU / Plain Sockets
Economy Double Union Ball Valve / BSP Female	Wafer Check Valve / PVCU / Plain Sockets
Economy Single Union Ball Valve / PVCU / Plain Sockets	Diaphragm Valve / PVCU / Plain Sockets
Economy Single Union Ball Valve / PVCU / BSP Female	Inline Strainer / PVCU / Plain Sockets



# PLASTIC VALVES

### AIR RELEASE VALVE / ABS / PLAIN SOCKETS

VC450



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£53.64	78	0.1
3/4"	£63.24	90	0.15
["	£66.83	105	0.2
I I/4"	£94.94	120	0.31
I I/2"	£107.43	140	0.48
2"	£148.18	170	0.8

Please call the sales team for your discount on this product

VALVE TYPE
BODY MATERIAL
END CONNECTION
SEAT/SEAL
RATED

Air Release Valve ABS Plain Sockets EPDM 15 Bar upto 2"

Full specification sheet available on request

### **DOUBLE UNION BALL VALVES / ABS / PLAIN SOCKETS**

VC446



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£46.56	78	0.12
3/4"	£55.32	90	0.16
Ι"	£66.08	104	0.24
1 1/4"	£84.45	120	0.36
1 1/2"	£109.45	140	0.56
2"	£139.16	170	0.92
2 1/2"	£275.82	227	2.48
3"	£353.99	242	2.68
4"	£491.77	282	4.4

Please call the sales team for your discount on this product

VALVE TYPE	Double Union Ball Valves
BODY MATERIAL	ABS
END CONNECTION	Plain Sockets
SEAT/SEAL	EPDM
RATED	15 Bar upto 2" - 2 1/2" to 4" 10 Bar
OPERATION	Lever

Full specification sheet available on request

### DOUBLE UNION BALL VALVES / ABS / PLAIN SOCKETS

VC447



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£56.50	78	0.12
3/4"	£65.64	90	0.16
Ι"	£82.10	104	0.24
/4"	£100.08	120	0.36
1 1/2"	£132.09	140	0.56
2"	£178.24	170	0.92
2 1/2"	£317.94	227	2.48
3"	£437.78	242	2.68
4"	£563.66	282	4.4

Please call the sales team for your discount on this product

VALVE TYPE
BODY MATERIAL
END CONNECTION
SEAT/SEAL
RATED
OPERATION

Double Union Ball Valves ABS Plain Sockets

FPM 15 Bar upto 2" - 2 1/2" to 4" 10 Bar

Lever



### CHECK VALVE / ABS / PLAIN SOCKETS

VC448



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£53.64	78	0.1
3/4"	£63.24	90	0.15
Γ"	£66.83	105	0.2
/4"	£94.94	120	0.31
1 1/2"	£107.43	140	0.48
2"	£148.18	170	0.8

Please call the sales team for your discount on this product

VALVE TYPE Check Valve	
BODY MATERIAL	ABS
END CONNECTION	Plain Sockets
SEAT/SEAL	EPDM
RATED	15 Bar upto 2"
OTHER	Stainless Steel Sp

Full specification sheet available on request

### **CHECK VALVE / ABS / PLAIN SOCKETS**

VC44



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£53.64	78	0.1
3/4"	£63.24	90	0.15
Ι"	£66.81	105	0.2
/4"	£94.92	120	0.31
1 1/2"	£107.43	140	0.48
2"	£148.17	170	0.8

Please call the sales team for your discount on this product

VALVE TYPE	Check Valve
BODY MATERIAL	ABS
END CONNECTION	Plain Sockets
SEAT/SEAL	EPDM
RATED	15 Bar upto 2"
OTHER	PTFE Coated Sprin

Full specification sheet available on request

### AIR RELEASE VALVES / PVCU / PLAIN SOCKETS

VC430



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£45.31	78	0.11
3/4"	£50.38	90	0.18
Ι"	£54.23	104	0.25
/4"	£65.47	120	0.38
1 1/2"	£79.74	140	0.6
2"	£114.48	170	

Please call the sales team for your discount on this product

VALVE TYPE	Air Release Valve
BODY MATERIAL	PVCu
END CONNECTION	Plain Sockets
SEAT/SEAL	EPDM
RATED	PNI6
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# PLASTIC VALVES

### AIR RELEASE VALVES / PVCU / PLAIN SOCKETS

VC43



SIZE	PRICE	LENGTH MM	WEIGHT KG
20mm	£45.31	78	0.11
25mm	£50.38	90	0.18
32mm	£54.23	104	0.25
40mm	£65.47	120	0.38
50mm	£79.74	140	0.6
63mm	£114.48	170	1

Please call the sales team for your discount on this product

VALVE TYPE	Air Re
BODY MATERIAL	PVCu
END CONNECTION	Plain S
SEAT/SEAL	EPDM
RATED	PN16

Air Release Valves PVCu Plain Sockets EPDM

Full specification sheet available on request

### 3-WAY BALL VALVES L-PORT / PVCU / PLAIN SOCKETS

VC436



SIZE	PRICE	LENGTH MM	WEIGHT KG
3/4"	£124.39	160	On Request
Ι"	£153.17	166	On Request
1 1/2"	£209.66	226	On Request
2"	£272.87	260	On Request

Please call the sales team for your discount on this product

VALVE TYPE	3-way Ball Valves L-Port
BODY MATERIAL	PVCu
END CONNECTION	Plain Sockets
SEAT/SEAL	EPDM
RATED	PNI0
OPERATION	Lever

Full specification sheet available on request

### 3-WAY BALL VALVES T-PORT / PVCU / PLAIN SOCKETS

VC437



SIZE	PRICE	LENGTH MM	WEIGHT KG
3/4"	£124.39	160	On Request
Ι"	£153.17	166	On Request
1 1/2"	£209.66	226	On Request
2"	£272.87	260	On Request

Please call the sales team for your discount on this product

VALVE TYPE
BODY MATERIAL
END CONNECTION
SEAT/SEAL
RATED
OPERATION

3-way Ball Valves T-Port PVCu Plain Sockets EPDM PN10 Lever



### **ECONOMY DOUBLE UNION BALL VALVE / PVCU / PLAIN SOCKETS**

VC415



SIZE	PRICE	LENGTH MM	WEIGHT KG
		LENGIHIM	WEIGHT NG
3/8"	£16.08	78	0.15
1/2"	£16.70	78	0.15
3/4"	£19.00	90	0.2
Ι"	£32.45	105	0.3
1 1/4"	£37.97	120	0.45
I I/2"	£48.09	140	0.7
2"	£73.27	170	1.15
2 1/2"	£209.83	228	3.1
3"	£235.07	242	32.5
4"	£361.91	282	5.5

Please call the sales team for your discount on this product

VALVE TYPE	Economy Double Union Ball Valve
BODY MATERIAL	PVCu
END CONNECTION	Plain Sockets
SEAT/SEAL	EPDM
RATED	PNI6 upto 2" PNI0 - 2 I/2" to 4"
OPERATION	Lever

Full specification sheet available on request

### ECONOMY DOUBLE UNION BALL VALVE / PVCU / PLAIN SOCKETS

VC416



SIZE	PRICE	LENGTH MM	WEIGHT KG
I6mm	£16.08	78	0.15
20mm	£16.70	78	0.15
25mm	£19.00	90	0.2
32mm	£32.45	105	0.3
40mm	£37.97	120	0.45
50mm	£48.09	140	0.7
63mm	£73.27	170	1.15
75mm	£209.83	228	3.1
90mm	£235.07	242	32.5
II0mm	£361.91	282	5.5

Please call the sales team for your discount on this product

VALVE TYPE	Economy Double Union Ball Valve
BODY MATERIAL	PVCu
END CONNECTION	Plain Sockets
SEAT/SEAL	EPDM .
RATED	PNI6 upto 63mm PNI0 - 75mm to 110mm
OPERATION	Lever

Full specification sheet available on request

### **ECONOMY DOUBLE UNION BALL VALVE / BSP FEMALE**

VC417



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£19.68	78	0.15
3/4"	£21.03	90	0.2
["	£34.89	105	0.3
/4"	£42.00	116	0.45
1 1/2"	£52.76	126	0.7
2"	£77.99	150	1.15

Please call the sales team for your discount on this product

VALVE TYPE	Economy Double Union Ball Valve
BODY MATERIAL	PVCu
<b>END CONNECTION</b>	BSP Female
SEAT/SEAL	EPDM
RATED	PNI6
OPERATION	Lever

# PLASTIC VALVES

### ECONOMY SINGLE UNION BALL VALVE / PVCU / PLAIN SOCKETS

**VC**418



CIZE	DDICE	LENCTHAM	WEIGHT KG
SIZE	PRICE	LENGTH MM	WEIGHT KG
3/8"	£10.97	78	0.15
1/2"	£11.17	78	0.15
3/4"	£12.88	90	0.2
Ι"	£15.19	105	0.3
1 1/4"	£25.20	120	0.45
I I/2"	£32.84	140	0.7
2"	£51.83	170	1.15
2 1/2"	£135.03	228	3.1
3"	£144.90	242	32.5
4"	£244.09	282	5.5

Please call the sales team for your discount on this product

VALVE TYPE	Economy Single Union Ball Valve
BODY MATERIAL	PVCu
END CONNECTION	Plain Sockets
SEAT/SEAL	EPDM
RATED	PNI6 upto 2" - PNI0 2 I/2" to 4"
OPERATION	Lever

Full specification sheet available on request

### **ECONOMY SINGLE UNION BALL VALVE / PVCU / PLAIN SOCKETS**

VC419



SIZE	PRICE	LENGTH MM	WEIGHT KG
I6mm	£10.97	78	0.15
20mm	£11.17	78	0.15
25mm	£12.88	90	0.2
32mm	£15.19	105	0.3
40mm	£25.20	120	0.45
50mm	£32.84	140	0.7
63mm	£51.83	170	1.15
75mm	£135.03	228	3.1
90mm	£144.90	242	32.5
II0mm	£244.09	282	5.5

Please call the sales team for your discount on this product

VALVE TYPE	Economy Single Union Ball Valve
BODY MATERIAL	PVCu
END CONNECTION	Plain Sockets
SEAT/SEAL	EPDM
RATED	PNI6
OPERATION	Lever

Full specification sheet available on request

### ECONOMY SINGLE UNION BALL VALVE / PVCU / BSP FEMALE

VC420



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£11.59	78	0.15
3/4"	£13.35	90	0.2
Ι"	£15.70	105	0.3
/4"	£26.49	116	0.45
1 1/2"	£33.53	126	0.7
2"	£53.04	150	1.15

Please call the sales team for your discount on this product

VALVE TYPE	Economy Single Union Ball Valve
BODY MATERIAL	PVCu
END CONNECTION	BSP Female
SEAT/SEAL	EPDM
RATED	PN16
OPERATION	Lever



### ECONOMY SINGLE UNION BALL VALVE / PVCU / BSP FEMALE X BSP MALE

VC421



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£11.68	71	0.15
3/4"	£13.46	80	0.2
Ι"	£15.84	90	0.3
/4"	£26.72	108	0.45
1 1/2"	£33.82	121	0.7
2"	£53.50	147	1.15

Please call the sales team for your discount on this product

VALVE TYPE	Economy Single Union Ball Valve
BODY MATERIAL	PVCu
END CONNECTION	BSP Female x BSP Male
SEAT/SEAL	EPDM
RATED	PNI6
OPERATION	Lever

Full specification sheet available on request

### DOUBLE UNION BALL VALVE / PVCU / PLAIN SOCKETS

VC440



SIZE	PRICE	LENGTH MM	WEIGHT KG
["	£1,315.92	105	On request
I I/4"	£1,345.60	120	On request
I I/2"	£1,470.26	140	On request
2"	£1,565.08	170	On request

Please call the sales team for your discount on this product

Double Union Ball Valve	
PVCu	
Plain Sockets	
EPDM	
PNI6 upto 2"	
Electrically Actuated	
220-240v, 110v	

Full specification sheet available on request

### DOUBLE UNION BALL VALVE / PVCU / PLAIN SOCKETS

**VC44** 



SIZE	PRICE	LENGTH MM	WEIGHT KG
32mm	£1,315.92	105	On request
40mm	£1,345.60	120	On request
50mm	£1,385.38	140	On request
63mm	£1.427.84	170	On request

Please call the sales team for your discount on this product

VALVE TYPE	Double Union Ball Valve
BODY MATERIAL	PVCu
END CONNECTION	Plain Sockets
SEAT/SEAL	EPDM
RATED	PNI6 upto 2"
OPERATION	Electrically Actuated
OTHER	220-240v, II0v

# PLASTIC VALVES

### DOUBLE UNION BALL VALVE / PVCU / BSP FEMALE

VC442



SIZE	PRICE	LENGTH MM	WEIGHT KG
Ι"	£1,325.92	105	On request
/4"	£1,362.05	120	On request
1 1/2"	£1,404.80	140	On request
2"	£1.457.52	170	On request

Please call the sales team for your discount on this product

VALVE TYPE	Double Union Ball Valve
BODY MATERIAL	PVCu
END CONNECTION	BSP Female
SEAT/SEAL	EPDM
RATED	PN16 upto 2"
OPERATION	Electrically Actuated
OTHER	220-240v, 110v

Full specification sheet available on request

### DOUBLE UNION BALL VALVE / PVCU / PLAIN SOCKETS

VC40*6* 



SIZE	PRICE	LENGTH MM	WEIGHT KG
3/8"	£41.84	78	0.15
1/2"	£43.50	78	0.15
3/4"	£51.30	90	0.2
Ι"	£62.00	105	0.3
1 1/4"	£78.91	120	0.45
I I/2"	£101.87	140	0.7
2"	£129.41	170	1.15
2 1/2"	£278.41	228	3.1
3"	£318.32	242	32.5
4"	£442.17	282	5.5

Please call the sales team for your discount on this product

VALVE TYPE	Double Union Ball Valve
BODY MATERIAL	PVCu
END CONNECTION	Plain Sockets
SEAT/SEAL	EPDM
RATED	PNI6 upto 2" PNI0 - 2 I/2" to 4"
OPERATION	Lever

Full specification sheet available on request

### DOUBLE UNION BALL VALVE / PVCU / PLAIN SOCKETS

VC407



SIZE	PRICE	LENGTH MM	WEIGHT KG
16mm	£41.84	78	0.15
20mm	£43.50	78	0.15
25mm	£51.30	90	0.2
32mm	£62.00	105	0.3
40mm	£78.91	120	0.45
50mm	£101.87	140	0.7
63mm	£129.41	170	1.15
75mm	£278.41	228	3.1
90mm	£318.32	242	32.5
II0mm	£442.17	282	5.5

Please call the sales team for your discount on this product

VALVE TYPE	Double Union Ball Valve
BODY MATERIAL	PVCu
END CONNECTION	Plain Sockets
SEAT/SEAL	EPDM
RATED	PNI6 upto 63mm PNI0 - 75mm to II0mm
OPERATION	Lever



#### DOUBLE UNION BALL VALVE / PVCU / BSP FEMALE

**VC408** 



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£47.24	78	0.15
3/4"	£56.42	90	0.2
Ι"	£69.13	105	0.3
/4"	£88.84	116	0.45
1 1/2"	£116.69	126	0.7
2"	£149.13	150	1.2

Please call the sales team for your discount on this product

VALVE TYPE	Double Union Ball Valve
BODY MATERIAL	PVCu
END CONNECTION	BSP Female
SEAT/SEAL	EPDM
RATED	PNI6 upto 2"
OPERATION	Lever

Full specification sheet available on request

#### DOUBLE UNION BALL VALVE / PVCU / PLAIN SOCKETS

**VC409** 



SIZE	PRICE	LENGTH MM	WEIGHT KG
3/8"	£51.30	78	0.15
1/2"	£52.02	78	0.15
3/4"	£61.65	90	0.2
Ι"	£76.59	104	0.3
/4"	£93.44	120	0.45
1 1/2"	£122.54	140	0.7
2"	£168.47	170	1.15
2 1/2"	£332.15	228	3.1
3"	£394.85	242	3.25
4"	£506.30	282	5.5

Please call the sales team for your discount on this product

VALVE TYPE	Double Union Ball Valve
BODY MATERIAL	PVCu
END CONNECTION	Plain Sockets
SEAT/SEAL	FPM
RATED	PNI6 upto 2" PNI0 2 I/2" to 4"
OPERATION	Lever

Full specification sheet available on request

#### **DOUBLE UNION BALL VALVE / PVCU / PLAIN SOCKETS**

**VC410** 



SIZE	PRICE	LENGTH MM	WEIGHT KG
16mm	£51.30	78	0.15
20mm	£52.02	78	0.15
25mm	£61.65	90	0.2
32mm	£76.59	104	0.3
40mm	£93.44	120	0.45
50mm	£122.54	140	0.7
63mm	£168.47	170	1.15
75mm	£332.15	228	3.1
90mm	£394.85	242	3.25
II0mm	£506.30	282	5.5

Please call the sales team for your discount on this product

VALVE TYPE	Double Union Ball Valve
BODY MATERIAL	PVCu
END CONNECTION	Plain Sockets
SEAT/SEAL	FPM
RATED	PNI6 upto 63mm PNI0 75mm to II0mm
OPERATION	Lever

## PLASTIC VALVES

#### DOUBLE UNION BALL VALVE / PVCU / BSP FEMALE

VC411



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£57.53	78	0.15
3/4"	£67.71	90	0.2
Ι"	£86.73	104	0.3
/4"	£105.10	116	0.45
1 1/2"	£138.25	126	0.7
2"	£186.92	149	1.15

Please call the sales team for your discount on this product

VALVE TYPE	Double Union Ball Valve
BODY MATERIAL	PVCu
END CONNECTION	BSP Female
SEAT/SEAL	FPM
RATED	PNI6
OPERATION	Lever

Full specification sheet available on request

#### DOUBLE UNION BALL VALVE / PVCU / PLAIN SOCKETS

VC412



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£51.11	102	On request
3/4"	£60.30	116	On request
Ι"	£72.88	127	On request
1 1/4"	£92.74	144	On request
I I/2"	£129.52	168	On request
2"	£152.10	199	On request
2 1/2"	£327.05	238	On request
3"	£374.22	235	On request
4"	£519.74	304	On request

Please call the sales team for your discount on this product

VALVE TYPE	Double Union Ball Valve
BODY MATERIAL	PVCu
END CONNECTION	Plain Sockets
SEAT/SEAL	EPDM
RATED	PNI6 upto 2" PNI0 2 I/2" to 4"
OPERATION	Lockable Lever
OTHER	FPM seals available

Full specification sheet available on request

#### **DOUBLE UNION BALL VALVE / PVCU / PLAIN SOCKETS**

VC413



SIZE	PRICE	LENGTH MM	WEIGHT KG
20mm	£51.11	102	On request
25mm	£60.30	116	On request
32mm	£72.88	127	On request
40mm	£92.74	144	On request
50mm	£129.52	168	On request
63mm	£152.10	199	On request
75mm	£327.05	238	On request
90mm	£374.22	235	On request
II0mm	£519.74	304	On request

Please call the sales team for your discount on this product

VALVE TYPE D	Oouble Union Ball Valve
BODY MATERIAL P\	VCu
END CONNECTION PI	lain Sockets
SEAT/SEAL EF	PDM
RATED PN	N16 upto 63mm PN10 - 75mm to 110mm
OPERATION Lo	ockable Lever
OTHER FF	PM seals available

Full specification sheet available on request



#### DOUBLE UNION BALL VALVE / PVCU / BSP FEMALE

VC414



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£51.11	102	On request
3/4"	£60.30	116	On request
Ι"	£72.88	127	On request
1 1/4"	£92.74	144	On request
1 1/2"	£129.52	168	On request
2"	£152.10	199	On request

Please call the sales team for your discount on this product

VALVE TYPE	Double Union Ball Valve
BODY MATERIAL	PVCu
END CONNECTION	BSP Female
SEAT/SEAL	EPDM
RATED	PNI6
OPERATION	Lockable Lever
OTHER	FPM Seals available

Full specification sheet available on request

#### **DOUBLE UNION BALL VALVE / PVCU / PLAIN SOCKETS**

VC44



SIZE	PRICE	LENGTH MM	WEIGHT KG
Ι"	£703.62	127	
/4"	£758.18	144	
1 1/2"	£788.98	168	
2"	£1,102.44	199	

Please call the sales team for your discount on this product

VALVE TYPE	Double Union Ball Valve
BODY MATERIAL	PVCu
END CONNECTION	Plain Sockets
SEAT/SEAL	EPDM
RATED	PNI6 upto 2"
OPERATION	Pneumatically Actuated

Full specification sheet available on request

#### DOUBLE UNION BALL VALVE / PVCU / PLAIN SOCKETS

VC444



SIZE	PRICE	LENGTH MM	WEIGHT KG
32mm	£703.62	127	
40mm	£758.18	144	
50mm	£788.98	168	
63mm	£826.45	199	

 $\label{eq:please call the sales team for your discount on this product} Please \ call \ the \ sales \ team \ for \ your \ discount \ on \ this \ product$ 

VALVE TYPE	Double Union Ball Valve
BODY MATERIAL	PVCu
END CONNECTION	Plain Sockets
SEAT/SEAL	EPDM
RATED	PNI6 upto 2"
OPERATION	Pneumatically Actuated

## PLASTIC VALVES

#### DOUBLE UNION BALL VALVE / PVCU / BSP FEMALES

VC454



SIZE	PRICE	LENGTH MM	WEIGHT KG
Ι"	£714.31	127	
/4"	£768.39	144	
1 1/2"	£806.05	168	
2"	£847.05	199	

Please call the sales team for your discount on this product

VALVE TYPE	Double Union Ball Valv
BODY MATERIAL	PVCu
END CONNECTION	BSP Female
SEAT/SEAL	EPDM
RATED	PN16 upto 2"
OPERATION	Pneumatically Actuated

Full specification sheet available on request

#### ECONOMY BUTTERFLY VALVE / PVCU / WAFER TYPE TO FIT PNI0/16 FLANGES

VC438



SIZE	PRICE	LENGTH MM	WEIGHT KG
2 1/2"	£210.80	45	1.77
3"	£240.77	57	2.05
4"	£270.71	58	2.29
5"	£334.48	63	2.96
6"	£359.87	73	3.73
8"	£517.87	83	5.7

Please call the sales team for your discount on this product

VALVE TYPE	Economy Butterfly Valve
BODY MATERIAL	PVCu
END CONNECTION	Wafer type to fit PNI0/I6 flanges
SEAT/SEAL	EPDM
RATED	PNI0 upto 5" PNI6 6" to 8"
OPERATION	Lever

Full specification sheet available on request

#### INDUSTRIAL BUTTERFLY VALVE / PVCU / WAFER TYPE TO FIT PN10/16 FLANGES

VC439



SIZE	PRICE	LENGTH MM	WEIGHT KG
3"	£451.44	49	2.05
4"	£493.58	56	2.29
5"	£583.88	64	2.96
6"	£670.18	70	3.73
8"	£856.76	71	5.7

 $\label{please call the sales team for your discount on this product} Please \ call \ the \ sales \ team \ for \ your \ discount \ on \ this \ product$ 

VALVE TYPE	Industrial Butterfly Valve
BODY MATERIAL	PVCu
END CONNECTION	Wafer type to fit PNI0/I6 flan
SEAT/SEAL	EPDM
RATED	PNI0 upto 5" PNI6 6" to 8"
OPERATION	Lever



#### CHECK VALVE / PVCU / PLAIN SOCKETS

VC422



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£45.31	78	0.11
3/4"	£50.38	90	0.18
Ι"	£54.23	104	0.25
/4"	£65.47	120	0.38
1 1/2"	£79.74	140	0.6
2"	£114.48	170	I
2 1/2"	£275.48	227	2.8
3"	£305.77	242	3

Please call the sales team for your discount on this product

VALVE TYPE	Check Val
BODY MATERIAL	PVCu
END CONNECTION	Plain Sock
SEAT/SEAL	EPDM
RATED	PN16 upto

o 2" PNI0 2 I/2" to 4"

Stainless Steel Spring Full specification sheet available on request

**CHECK VALVE / PVCU / PLAIN SOCKETS** 

#### **VC423**



SIZE	PRICE	LENGTH MM	WEIGHT KG
16mm	£44.02	78	0.11
20mm	£45.31	78	0.11
25mm	£50.38	90	0.18
32mm	£54.23	104	0.25
40mm	£65.47	120	0.38
50mm	£79.74	140	0.6
63mm	£114.48	170	I
75mm	£275.48	227	2.8
90mm	£305.77	242	3

Please call the sales team for your discount on this product

VALVE TYPE	Check Valve
BODY MATERIAL	PVCu
END CONNECTION	Plain Sockets
SEAT/SEAL	EPDM
RATED	PNI6 upto 63mm PNI0 7mm to II0m
OTHER	Stainless Steel Spring

Full specification sheet available on request

#### CHECK VALVE / PVCU / PLAIN SOCKETS



to 4"

SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£46.08	78	0.11
3/4"	£50.38	90	0.18
["	£54.23	104	0.25
/4"	£65.47	120	0.38
1 1/2"	£79.74	140	0.6
2"	£114.48	170	I
2 1/2"	£275.48	227	2.8
3"	£305.78	242	3

Please call the sales team for your discount on this product

VALVE TYPE	Check Valve
BODY MATERIAL	PVCu
END CONNECTION	Plain Sockets
SEAT/SEAL	EPDM
RATED	PNI6 upto 2" PNI0 2 I/2"
OTHER	PTEE Coated Spring

## PLASTIC VALVES

#### CHECK VALVE / PVCU / PLAIN SOCKETS

VC425



SIZE	PRICE	LENGTH MM	WEIGHT KG
20mm	£45.31	78	0.11
25mm	£50.38	90	0.18
32mm	£54.69	104	0.25
40mm	£65.47	120	0.38
50mm	£79.74	140	0.6
63mm	£114.47	170	I
75mm	£275.48	227	2.8

Please call the sales team for your discount on this product

VALVE TYPE	Check Valve
BODY MATERIAL	PVCu
END CONNECTION	Plain Sockets
SEAT/SEAL	EPDM
RATED	PNI6 upto 63mm PNI0 7mm to 110mm
OTHER	DTEE Coated Spring

Full specification sheet available on request

#### CHECK VALVE / PVCU / PLAIN SOCKETS

VC426



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£54.39	78	0.11
3/4"	£60.10	90	0.18
Ι"	£64.60	104	0.25
/4"	£77.51	120	0.38
1 1/2"	£96.85	140	0.6
2"	£147.58	170	I
2 1/2"	£330.80	227	2.8

 $\label{product} \textit{Please call the sales team for your discount on this product}$ 

VALVE TYPE	Check Valve
BODY MATERIAL	PVCu
END CONNECTION	Plain Sockets
SEAT/SEAL	FPM
RATED	PN16 upto 2" PN10 2 1/2" to 4"
OTHER	PTFE Coated Spring

Full specification sheet available on request

#### CHECK VALVE / PVCU / PLAIN SOCKETS

VC427



SIZE	PRICE	LENGTH MM	WEIGHT KG
20mm	£54.39	78	0.11
25mm	£60.10	90	0.18
32mm	£64.60	104	0.25
40mm	£77.51	120	0.38
50mm	£96.85	140	0.6
63mm	£147.58	170	I
75mm	£330.80	227	2.8
90mm	£368.84	242	3

 ${\it Please \ call \ the \ sales \ team \ for \ your \ discount \ on \ this \ product}$ 

VALVE TYPE	Check Valve
BODY MATERIAL	PVCu
END CONNECTION	Plain Sockets
SEAT/SEAL	FPM
RATED	PNI6 upto 63mm PNI0 7mm to II0mm
OTHER	PTFE Coated Spring



#### WAFER CHECK VALVE / PVCU / PLAIN SOCKETS

VC428



SIZE	PRICE	LENGTH MM	WEIGHT KG
2"	£258.54	127	
2 1/2"	£276.07	144	
3"	£290.94	168	
4"	£343.09	199	
5"	£411.35		
6"	£583.89		
8"	£1,207.87		

Please call the sales team for your discount on this product

VALVE TYPE
BODY MATERIAL
END CONNECTION
SEAT/SEAL
RATED

Wafer Check Valve PVCu Plain Sockets EPDM Upto 8" 5 Bar

Full specification sheet available on request

#### WAFER CHECK VALVE / PVCU / PLAIN SOCKETS

VC429



SIZE	PRICE	LENGTH MM	WEIGHT KG
2"	£367.55	127	
2 1/2"	£491.57	144	
3"	£525.68	168	
4"	£609.96	199	
5"	£694.25		
6"	£832.65		
8"	£1,550.95		

 $\label{product} \textit{Please call the sales team for your discount on this product}$ 

VALVE TYPE	Wafer Check Valve
BODY MATERIAL	PVCu
END CONNECTION	Plain Sockets
SEAT/SEAL	EPDM
RATED	Upto 8" 5 Bar
OTHER	Stainless Steel Spring Return

Full specification sheet available on request

#### **DIAPHRAGM VALVE / PVCU / PLAIN SOCKETS**

**VC434** 



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£135.61	On Request	On Request
3/4"	£151.63	On Request	On Request
Ι"	£185.32	On Request	On Request
I I/4"	£244.42	On Request	On Request
I I/2"	£314.64	On Request	On Request
2"	£377.04	On Request	On Request

Please call the sales team for your discount on this product

VALVE TYPE	Diaphragm Va
BODY MATERIAL	PVCu
END CONNECTION	Plain Sockets
SEAT/SEAL	EPDM
RATED	PNI0
OPERATION	Handwheel

## PLASTIC VALVES

#### **DIAPHRAGM VALVE / PVCU / PLAIN SOCKETS**

**VC435** 



SIZE	PRICE	LENGTH MM	WEIGHT KG
20mm	£135.61	On Request	On Request
25mm	£151.63	On Request	On Request
32mm	£185.32	On Request	On Request
40mm	£244.42	On Request	On Request
50mm	£314.64	On Request	On Request
63mm	£377.04	On Request	On Request

Please call the sales team for your discount on this product

VALVE TYPE	Diaphragm Va	
BODY MATERIAL	PVCu	
END CONNECTION	Plain Sockets	
SEAT/SEAL	EPDM	
RATED	PNI0	
OPER ATION	Handwheel	

Full specification sheet available on request

#### INLINE STRAINER / PVCU / PLAIN SOCKETS

VC432



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£48.97	78	0.11
3/4"	£54.56	90	0.18
Ι"	£63.60	104	0.25
/4"	£78.81	120	0.38
1 1/2"	£94.10	140	0.6
2"	£130.27	170	T.

Please call the sales team for your discount on this product

VALVE TYPE	Inline Strainer	
BODY MATERIAL	PVCu	
END CONNECTION	Plain Sockets	
SEAT/SEAL	EPDM	
RATED	PN16	

Full specification sheet available on request

#### INLINE STRAINER / PVCU / PLAIN SOCKETS

**VC433** 



SIZE	PRICE	LENGTH MM	WEIGHT KG
20mm	£44.87	78	0.11
25mm	£53.63	90	0.18
32mm	£63.60	104	0.25
40mm	£78.61	120	0.38
50mm	£94.10	140	0.6
63mm	£127.63	170	1

Please call the sales team for your discount on this product

VALVE TYPE
BODY MATERIAL
END CONNECTION
SEAT/SEAL
RATED
F !!

Inline Strainer
PVCu
Plain Sockets
EPDM
PN16



# PLUG VALVES

2-Way Plug Cock / Bronze / Screwed BSP Female	3-Way Plug Cock
3-Way Plug Cock / Bronze / Screwed BSP Female	Eccentric Plug / 0
2-Way Plug Cock / Cast Iron / Flanged PN16	

3-Way Plug Cock / Cast Iron / Flanged PN16	. 142
Eccentric Plug / Cast Iron / Flanged PN16	. 142



## PLUG VALVES

#### 2-WAY PLUG COCK / BRONZE / SCREWED BSP FEMALE

VC247



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£34.58	64	0.45
3/4"	£49.77	73	0.65
Ι"	£69.27	85	0.93
/4"	£96.35	97	1.3
1 1/2"	£141.83	110	2.1
2"	£211.05	128	2.95
2 1/2"	£377.64	135	4.75
3"	£501.11	155	6.5

Please call the sales team for your discount on this product

VALVE TYPE	2-way plug cock
BODY MATERIAL	Bronze
END CONNECTION	Screwed BSP Female
RATED	PNI0
OPER ATION	Square Shaft (Levers available

Full specification sheet available on request

#### 3-WAY PLUG COCK / BRONZE / SCREWED BSP FEMALE

VC248



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£40.25	64	0.5
3/4"	£59.39	73	0.7
Ι"	£86.00	85	1.16
/4"	£117.33	97	1.55
1 1/2"	£183.42	110	2.45
2"	£257.25	128	3.25
2 1/2"	£440.19	135	4.6
3"	£714 17	155	7.2

Please call the sales team for your discount on this product

VALVE TYPE	3-way plug cock
BODY MATERIAL	Bronze
END CONNECTION	Screwed BSP Female
RATED	PNI0
OPERATION	Square Shaft (Levers available)
OTHER	T-port

Full specification sheet available on request

#### 2-WAY PLUG COCK / CAST IRON / FLANGED PN16

VC249



SIZE	PRICE	LENGTH MM	WEIGHT KG
1 1/2"	£325.14	140	7
2"	£395.66	160	10
2 1/2"	£590.85	230	15
3"	£715.31	260	19
4"	£1,151.21	320	30

Please call the sales team for your discount on this product

VALVE TYPE	2-way plug cock
BODY MATERIAL	Cast Iron
END CONNECTION	Flanged PN16, we also keep this item undrilled
SEAT/SEAL	Bronze Trim
RATED	PNI6
OPERATION	Square Shaft (Levers available)



#### 3-WAY PLUG COCK / CAST IRON / FLANGED PN16

VC250



SIZE	PRICE	LENGTH MM	WEIGHT KG
1 1/2"	£630.35	140	8.1
2"	£708.66	160	11.2
2 1/2"	£961.14	230	16.4
3"	£1,155.65	260	20.5
4"	£1,691.94	320	32.3

Please call the sales team for your discount on this product

VALVE TYPE	3-way Plug Cock
BODY MATERIAL	Cast Iron
END CONNECTION	Flanged PN16, we also keep this item undrilled
SEAT/SEAL	Bronze Trim
RATED	PNI6
OPERATION	Square Shaft (Levers available)
OTHER	T-Port

Full specification sheet available on request

#### **ECCENTRIC PLUG / CAST IRON / FLANGED PN16**

VC334



SIZE	PRICE	LENGTH MM	WEIGHT KG
3"	£842.50	203	26
4"	£955.00	229	39
6"	£1,382.50	267	59
8"	£1,957.50	292	115
10"	£2,970.00	330	145
12"	£3,552.50	356	203

 ${\it Please \ call \ the \ sales \ team \ for \ your \ discount \ on \ this \ product}$ 

VALVE TYPE	Eccentric Plug
BODY MATERIAL	Cast Iron
END CONNECTION	Flanged PN16, we also keep this item undrilled
SEAT/SEAL	NBR/EPDM O-Ring, Ductile Iron Fully Lined Plug Nitrile/EPDM
RATED	PNI6
OPERATION	Gearbox operated (Cap Top available)



With Valve Center's expert knowledge of the Valve Industry and complimented with our diverse stock range, we have the capability to supply every sector of the process industry, in particular:

#### **Automotive**

Valve Center have repeatedly bid for, and won, supply orders for fire safe and anti-static stainless steel ball valves used by Bentley Motors. Other companies we have supplied for within this industry include Toyota, Vauxhall and Rolls Royce.

#### Chemical

Valve Center supply many blue-chip chemical manufacturers with a large variety of valves, examples include valves and spares supply to Croda Chemicals since 2004 and bellow sealed globe valves, prepared for chlorine duty, supplied to Huntsman Chemicals.

#### **Fire Fighting**

Valve Center have supplied valves, sprinklers and hydrants to various building companies and have repeatedly supplied products such as quick release fire valves to several of Her Majesty's Prisons throughout the country.

#### Gas

Valve Center successfully completed a project for National Grid to replace forty ATEX-compliant, manual and actuated butterfly valves on top of LNG storage tanks suitable for use within explosive environments.

#### Marine

Valve Center currently supply valves into the marine industry and our valves are even used on the QE2. We recently supplied a 1200mm butterfly valve for use on board a ship, which we had ABS-certified and supplied successfully, all on time. We also supply many other valves and can offer certification inline with the requirements of bodies such as Lloyds, DNV, Bureau Veritas, Germanischer Lloyd, TRB, TUV, RINA plus several others.

#### Oil

Valve Center currently supply to many off-shore oil producers and examples of our supply vary from valves as simple as standard cast iron butterfly valves through to a recent order to supply a 250mm modulating high pressure control type ball valve with duplex trim. The valve had to be ATEX-compliant, comply with strict specifications, and also customer witness tested.

#### **Pharmaceutical**

Valve Center recently supplied 22 hygienic pneumatically operated valves to Roche products in Italy. The valves were delivered ahead of schedule and feedback from the customer was excellent.

#### **Power Generation**

Valve Center hold a contract to supply like-for-like standard replacement valves for Scottish and Southern Energy and in addition, recently replaced several butterfly valves up to 700mm for a critical plant shutdown within the tight timescale.

#### **Road Tankers**

Valve Center are able to supply many standard and specialised valves for use on road tankers and were recently able to solve a problem by re-specifying a valve for the back of a tanker and successfully arranging its installation.

#### Valve Industries

Valve Center's vast stock and our relationship with most of the world's valve manufacturers, allows us to supply competitively many other valve companies, who's names we respectfully do not mention.

#### Water

Valve Center recently supplied 700mm cast iron swing check valves to replace existing damaged valves for United Utilities, matching the now oBSolete face-to-face and removing the need for our customer to modify their pipework.



Spring Safety Relief / Brass / Screwed BSP Male	Safety Relief / Nodular Iron / Flanged PN16/25	155
Safety Relief / Bronze / Screwed BSP Male/Female, NPT Available 145	Pressure Reducing / Brass / Screwed BSP Female Union Ends	155
Spring Safety Relief / Brass/Bronze / Screwed BSP Female	Pressure Reducing / Brass Nickel Plated / Screwed BSP Female	155
Safety Relief / Bronze / Screwed BSP Male/Female	Pressure Reducing / Brass / Screwed BSP Female	156
Safety Relief / Bronze / Screwed NPT Male/Female147	Pressure Reducing / Brass Nickel Plated / Screwed BSP	156
Spring Safety Relief / Brass/Bronze / Flanged PN16	Pressure Reducing / Brass Nickel Plated / Flanged PN16	156
Proportional Lift Relief / Stainless Steel / Screwed BSP Male X Female 147	Pressure Reducing / Gunmetal / Screwed BSP	157
Proportional Lift Relief / Bronze / Screwed BSP Male X Female 148	Pressure Reducing / Cast Iron / Screwed BSP	157
High Lift Safety / Bronze / Screwed BSP Male X Female149	Pressure Reducing / Ductile Iron / Flanged PN16/25	157
Safety Relief / Stainless Steel / Screwed BSP Male / Female,	Automatic Air Vent / Brass / Screwed BSP Female	158
NPT Available	Double Regulating Fixed orifice / Brass / Screwed BSP Female	159
Safety Relief / Stainless Steel / Flanged PN16/25150	Double Regulating Variable orifice / DZR Brass / Screwed	
Safety Relief / Stainless Steel / Flanged PN40	BSP Female	. 159
Safety Relief / Stainless Steel / Flanged PN63	Set Test Points and Spare Extensions / Brass (Test Points) and Stainless	5
Safety Relief / Stainless Steel / Flanged PN100	Steel (Extensions) / Screwed BSP Male	. 159
Safety Relief / Stainless Steel / Flanged ANSI 150 RF	Double Regulating Variable orifice / Cast Iron / Flanged PN16	. 160
Safety Relief / Stainless Steel / Flanged ANSI 300 RF	Metering Station / Stainless Steel / Wafer Type	. 160
Safety Relief / Stainless Steel / Flanged ANSI 600 RF	Air Release, Single Float / Ductile Iron Body / Flanged PN16	. 160
Safety Relief / Carbon Steel / Screwed BSP Male / Female,	Air Release, Double Float / Ductile Iron Body / Flanged PN16	. 161
NPT Available	Pressure Vacuum Valve Open Vent / Aluminium, Stainless Steel	
Safety Relief / Carbon Steel / Flanged ANSI 150 RF	Trim / Flanged	. 161
Safety Relief / Carbon Steel / Flanged ANSI 300 RF	Pressure Vacuum Valve Open Vent / Carbon Steel, Stainless Steel	
Safety Relief / Carbon Steel / Flanged ANSI 600 RF	Trim / Flanged	. 161
Safety Relief / Carbon Steel / Flanged PN40	Pressure Vacuum Valve Open Vent / Stainless Steel, Stainless Steel	
Safety Relief / Carbon Steel / Flanged PN63	Trim / Flanged	. 162
Safety Relief / Carbon Steel / Flanged PNII00 154		



#### SPRING SAFETY RELIEF / BRASS / SCREWED BSP MALE

**VC160** 



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/8"	£20.46	47	0.03
1/4"	£20.46	47	0.04
3/8"	£33.36	72	0.11
1/2"	£45.48	72	0.12
3/4"	£63.30	79	0.2
["	£81.15	97	0.36

Please call the sales team for your discount on this product

VALVE TYPE	Spring Safety Relief
BODY MATERIAL	Brass
END CONNECTION	Screwed BSP Male
RATED	0-16 Bar available
OPERATION	Manual Test Ring
OTHER	Certified & Calibrat

Full specification sheet available on request

#### SAFETY RELIEF / BRONZE / SCREWED BSP MALE/FEMALE, NPT AVAILABLE

VC211



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"x 3/4"	£341.25	45	2.2
1/2"x 1"	£381.88	45	2.2
3/4"× I"	£381.88	45	2.2
I"x I"	£381.88	45	2.2
"x    /4"	£400.88	45	2.3
/4"x    /4"	£446.25	45	2.4
I"x 2"	£572.75	62	4.5
I I/2"x 2"	£656.25	62	4.6
2"x 2"	£689.63	62	5.1

Please call the sales team for your discount on this product

VALVE TYPE	Safety Relief
BODY MATERIAL	Bronze
END CONNECTION	Screwed BSP Male/Female, NPT available
SEAT/SEAL	PTFE Gasket, Soft Seat Viton/PTFE
RATED	PN40
OPERATION	Cap Top
OTHER	Please state Spring range. Certified & Calibrated on request (additional cost)

ed on request (additional cost)

Full specification sheet available on request

#### SPRING SAFETY RELIEF / BRASS/BRONZE / SCREWED BSP FEMALE

VCI6I



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£56.78	30	0.39
3/4"	£70.47	36	0.63
Ī"	£89.19	47	Ī
/4"	£116.04	57	1.45
1 1/2"	£151.20	62	2.1
2"	£209.60	72	3.45
2 1/2"	£504.29	80	5.5
3"	£646.22	92	6.8

 ${\it Please \ call \ the \ sales \ team \ for \ your \ discount \ on \ this \ product}$ 

VALVE TYPE	Spring Safety Relief
BODY MATERIAL	Brass/Bronze
END CONNECTION	Screwed BSP Female
SEAT/SEAL	PTFE
RATED	0–12 Bar available
OPERATION	Standard Top
OTHER	Certified & Calibrated on request (additional cost)



#### SPRING SAFETY RELIEF / BRASS/BRONZE / SCREWED BSP FEMALE

VC162



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£56.78	30	0.4
3/4"	£70.47	36	0.7
["	£89.19	47	I
1 1/4"	£116.04	57	1.6
I I/2"	£151.20	62	2.2
2"	£209.60	72	3.45

Please call the sales team for your discount on this product

VALVE TYPE	Spring Safety Relief
BODY MATERIAL	Brass/Bronze
END CONNECTION	Screwed BSP Female
SEAT/SEAL	PTFE
RATED	0–12 Bar available
OPERATION	Test Lever
OTHER	Certified & Calibrated on request (additional cost)

Full specification sheet available on request

#### SPRING SAFETY RELIEF / BRASS/BRONZE / SCREWED BSP FEMALE

**VC163** 



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£64.74	30	0.42
3/4"	£86.25	36	0.67
["	£110.64	47	1.05
I I/4"	£158.91	57	1.5
I I/2"	£188.52	62	2.22
2"	£276.71	72	3.4
2 1/2"	£547.37	80	5.7
3"	£687.89	92	7

Please call the sales team for your discount on this product

VALVE TYPE	Spring Safety Relief
BODY MATERIAL	Brass/Bronze
END CONNECTION	Screwed BSP Female
SEAT/SEAL	Metal Seat
RATED	0-12 Bar available
OPERATION	Cap Top
OTHER	Certified & Calibrated on request (additional cost)

Full specification sheet available on request

#### SAFETY RELIEF / BRONZE / SCREWED BSP MALE/FEMALE

VC209



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"x 3/4"	£229.75	38	1.3
1/2"x 1"	£282.25	45	1.7
3/4"× I"	£282.25	45	1.8
"x  "	£282.25	45	1.8

Please call the sales team for your discount on this product

VALVE TYPE	Safety Relief
BODY MATERIAL	Bronze
END CONNECTION	Screwed BSP Male/Female
SEAT/SEAL	PTFE Gasket
RATED	PN25
OPERATION	Cap Top
OTHER	Please state Spring range. Certified & Calibrated on request (additional cost)

#### SAFETY RELIEF / BRONZE / SCREWED NPT MALE/FEMALE

VC210



_				
	SIZE	PRICE	LENGTH MM	WEIGHT KG
	1/2"x 3/4"	£260.38	38	1.3
	1/2"x 1"	£336.88	45	1.7
	3/4"× 1"	£336.88	45	1.8
	"x  "	£336.88	45	1.8

Please call the sales team for your discount on this product

VALVE TYPE	Safety Relief
BODY MATERIAL	Bronze
END CONNECTION	Screwed NPT Male/Female
SEAT/SEAL	PTFE Gasket
RATED	PN25
OPERATION	Сар Тор
OTHER	Please state Spring range Cer

Full specification sheet available on request

## SPRING SAFETY RELIEF / BRASS/BRONZE / FLANGED PNI6, OTHER DRILLINGS AVAILABLE

**VC164** 



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£185.84	60	1.7
3/4"	£232.07	65	2.2
["	£306.56	72	3.2
/4"	£432.87	85	4.8
1 1/2"	£556.38	90	6.1
2"	£753.12	105	8.5
2 1/2"	£1,217.28	110	12.5
3"	£1,670.55	115	14.5
4"	£2,120.10	140	20

Please call the sales team for your discount on this product

VALVE TYPE	Spring Safety Relief
BODY MATERIAL	Brass/Bronze
END CONNECTION	Flanged PN16, Other Drillings available
SEAT/SEAL	Metal & PTFE available
RATED	0-12 Bar available
OTHER	Certified & Calibrated on request. Certified & Calibrated on request (additional cost)

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Full specification sheet available on request

#### PROPORTIONAL LIFT RELIEF / STAINLESS STEEL / SCREWED BSP MALE X FEMALE

VC282



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£633.27	On request	0.6
3/4"	£676.68	On request	0.8
Ι"	£828.95	On request	1.5
1 1/2"	£1,371.06	On request	2.6
2"	£1,692.57	On request	3.5

Please call the sales team for your discount on this product

VALVE TYPE	Proportional Lift Relief
BODY MATERIAL	Stainless Steel
END CONNECTION	Screwed BSP Male × Female
SEAT/SEAL	TFM Seat (Metal and PTFE available)
RATED	Up to 260 PSI
OPERATION	Dome Top. Certified & Calibrated on request (additional cost)



#### PROPORTIONAL LIFT RELIEF / STAINLESS STEEL / SCREWED BSP MALE X FEMALE

**VC283** 



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£696.59	On request	0.6
3/4"	£744.36	On request	0.8
Ι"	£911.84	On request	1.5
1 1/2"	£1,508.16	On request	2.6

Please call the sales team for your discount on this product

VALVE TYPE	Proportional Lift Relief
BODY MATERIAL	Stainless Steel
END CONNECTION	Screwed BSP Male x Female
SEAT/SEAL	TFM Seat (Metal and PTFE available)
RATED	260 up to 300 PSI
OPERATION	Dome Top. Certified & Calibrated on request (additional cost)

Full specification sheet available on request

#### PROPORTIONAL LIFT RELIEF / BRONZE / SCREWED BSP MALE X FEMALE

**VC277** 



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£186.23	35	0.6
3/4"	£229.71	40	0.8
["	£291.83	45	1.5
I I/4"	£394.53	55	2
I I/2"	£446.16	60	2.6
2"	£613.74	65	3.5
2 1/2"	£959.93	On request	6.9
3"	£1,122.21	On request	9

Please call the sales team for your discount on this product

VALVE TYPE	Proportional Lift Relief
BODY MATERIAL	Bronze
END CONNECTION	Screwed BSP Male x Female
SEAT/SEAL	TFM Seat (Metal and PTFE available)
RATED	Up to 260 PSI
OPERATION	Dome Top. Certified & Calibrated on request (additional cost)

Full specification sheet available on request

#### PROPORTIONAL LIFT RELIEF / BRONZE / SCREWED BSP MALE X FEMALE

**VC278** 



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£204.86	35	0.6
3/4"	£252.68	40	0.8
Ī"	£321.02	45	1.5
1 1/2"	£490.82	60	2.6

Please call the sales team for your discount on this product

VALVE TYPE	Proportional Lift Relief
BODY MATERIAL	Bronze
END CONNECTION	Screwed BSP Male x Female
SEAT/SEAL	TFM Seat (Metal and PTFE available)
RATED	260 to 300 PSI
OPERATION	Dome Top. Certified & Calibrated on request (additional cost)

#### PROPORTIONAL LIFT RELIEF / BRONZE / SCREWED BSP MALE X FEMALE

VC279



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£202.58	45	On request
3/4"	£252.44	60	2.6
Ι"	£309.02	65	3.5
/4"	£419.03	On request	On request

Please call the sales team for your discount on this product

VALVE TYPE	Proportional Lift Relief
BODY MATERIAL	Bronze
END CONNECTION	Screwed BSP Male x Female
SEAT/SEAL	TFM Seat (Metal and PTFE available)
RATED	Up to 260 PSI
OPERATION	Lever Top. Certified & Calibrated on request (additional cost)

Full specification sheet available on request

#### PROPORTIONAL LIFT RELIEF / BRONZE / SCREWED BSP MALE X FEMALE

VC280



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£222.84	45	On request
3/4"	£277.67	60	2.6
["	£339 92	65	3.5

Please call the sales team for your discount on this product

VALVE TYPE	Proportional Lift Relief
	Proportional Lift Keller
BODY MATERIAL	Bronze
END CONNECTION	Screwed BSP Male x Female
SEAT/SEAL	TFM Seat (Metal and PTFE available)
RATED	260 to 300 PSI
OPERATION	Lever Top. Certified & Calibrated on request (additional cost)

Full specification sheet available on request

#### HIGH LIFT SAFETY / BRONZE / SCREWED BSP MALE X FEMALE

VC281



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£179.09	On request	0.6
3/4"	£226.37	On request	0.8
["	£280.67	On request	1.6
1 1/4"	£373.19	On request	2.2
1 1/2"	£469.61	On request	3
2"	£621.78	On request	4

 ${\it Please \ call \ the \ sales \ team \ for \ your \ discount \ on \ this \ product}$ 

VALVE TYPE	High Lift Safety
BODY MATERIAL	Bronze
END CONNECTION	Screwed BSP Male x Female
SEAT/SEAL	TFM Seat (Metal and PTFE available)
RATED	0.7 to 300 PSI available
OPERATION	Lever Top
OTHER	Please state Spring range. Certified & Calibrated on request (additional cost)



#### SAFETY RELIEF / STAINLESS STEEL / SCREWED BSP MALE/FEMALE, NPT AVAILABLE

VC212



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"x 1"	£1,274.38	45	On request
3/4"× I"	£1,298.13	45	On request
l"x l"	£1,336.38	45	On request
I"x I I/2"	£1,918.63	45	On request
I I/4"x 2"	£2,460.38	45	On request
I I/2"x 2 I/2"	£3,102.25	62	On request
2"x 3"	£3,746.63	62	On request

Please call the sales team for your discount on this product

VALVE TYPE	Safety Relief
BODY MATERIAL	Stainless Steel
END CONNECTION	Screwed BSP Male/Female, NPT available
SEAT/SEAL	PTFE Gasket, Soft Seat Viton/PTFE
RATED	PNI00
OPERATION	Сар Тор
OTHER	Please state Spring range. Certified & Calibrated on request (additional cost)

Full specification sheet available on request

#### SAFETY RELIEF / STAINLESS STEEL / FLANGED PN16/25

**VC213** 



SIZE	PRICE	LENGTH MM	WEIGHT KG	
15x 25	£1,763.50	85	7	
20 × 32	£1,682.25	85	7	
25 × 40	£1,715.00	100	8	
32 × 50	£2,078.13	110	12	
40 × 65	£2,288.13	115	14	
50 x 80	£2,439.13	120	21	
65 × 100	£4,217.50	140	36	
80 x 125	£6,868.75	160	58	
100 x 150	£10,631.25	180	85	
125 x 200	£12,873.50	200	140	
150 x 250	£16,854.75	242	150	
200 × 300	£25,116.88	300	200	
Please call the sales team for your discount on this product				

VALVE TYPE	Safety Relief
BODY MATERIAL	Stainless Steel
END CONNECTION	Flanged PN16/25, we also keep this item undrilled
SEAT/SEAL	Soft Seat Viton/PTFE
OPERATION	Cap Top. Certified & Calibrated on request (additional cost)

Full specification sheet available on request

#### SAFETY RELIEF / STAINLESS STEEL / FLANGED PN40

VC215



SIZE	PRICE	LENGTH MM	WEIGHT KG
15x 25	£1,763.50	85	7
20 x 32	£1,682.25	85	7
25 x 40	£1,715.00	100	8
32 x 50	£2,077.50	110	12
40 × 65	£2,288.13	115	14
50 × 80	£2,439.13	120	21
65 × 100	£4,217.50	140	36
80 x 125	£6,868.75	160	58
100 × 150	£10,631.25	180	85
125 x 200	£12,873.50	200	140
150 x 250	£16,854.75	242	150
200 × 300	£25,116.88	300	200

Please call the sales team for your discount on this product

VALVE TYPE	Safety Relief
BODY MATERIAL	Stainless Steel
END CONNECTION	Flanged PN40, we also keep this item undrilled
SEAT/SEAL	Soft Seat Viton/PTFE
RATED	PN40
OPERATION	Cap Top. Certified & Calibrated on request (additional cost)

#### **SAFETY RELIEF / STAINLESS STEEL / FLANGED PN63**

VC214



SIZE	PRICE	LENGTH MM	WEIGHT KG
15× 25	£3,150.00	85	7
20 × 32	£3,171.88	100	7
25 × 50	£3,412.50	110	9
32 × 50	£4,112.50	110	12
40 × 65	£4,462.50	115	14
50 × 80	£5,250.00	120	21
65 x 100	£8,203.13	140	36

Please call the sales team for your discount on this product

VALVE TYPE	Safety Relief
BODY MATERIAL	Stainless Steel
END CONNECTION	Flanged PN63, we also keep this item undrilled
SEAT/SEAL	Soft Seat Viton/PTFE
RATED	PN63
OPERATION	Cap Top. Certified & Calibrated on request (additional cost)

Full specification sheet available on request

#### SAFETY RELIEF / STAINLESS STEEL / FLANGED PNI00

VC21



SIZE	PRICE	LENGTH MM	WEIGHT KG
15× 25	£3,150.00	85	7
20 x 32	£3,171.88	100	7
25 × 50	£3,412.50	110	9
32 × 50	£4,112.50	110	12
40 × 65	£4,462.50	115	14
50 x 80	£5,250.00	120	21
65 x 100	£8,203.13	140	36

Please call the sales team for your discount on this product

VALVE TYPE	Safety Relief
BODY MATERIAL	Stainless Steel
END CONNECTION	Flanged PN100, we also keep this item undrilled
SEAT/SEAL	Soft Seat Viton/PTFE
RATED	PNI00
OPERATION	Cap Top. Certified & Calibrated on request (additional cost)

Full specification sheet available on request

#### SAFETY RELIEF / STAINLESS STEEL / FLANGED ANSI 150 RF

VC217



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"x 1"	£1,879.00	75	5
3/4"× I"	£1,879.00	75	5
l"x l"	£1,879.00	75	5
I"x 2"	£1,898.13	114	14
I I/2"x 2"	£2,483.00	121	17
I I/2"x 3"	£3,196.88	121	25
2"x 3"	£3,528.75	124	27
3"x 4"	£5,722.50	162	56
4"x 6"	£8,685.75	184	88
6"x 8"	£8,685.75	241	156
8"x 10"	£19,854.50	279	190

Please call the sales team for your discount on this product

VALVE TYPE	Safety Relief
BODY MATERIAL	Stainless Steel Stainless Steel
END CONNECTION	Flanged ANSI 150 RF, we also keep this item undrilled
SEAT/SEAL	Soft Seat Viton/PTFE
RATED	ANSI 150
OPERATION	Cap Top. Certified & Calibrated on request (additional cost)

#### SAFETY RELIEF / STAINLESS STEEL / FLANGED ANSI 300 RF

VC218



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"x 1"	£1,777.50	75	5
3/4"x I"	£1,812.25	75	5
l"x l"	£1,826.63	75	5
I"x 2"	£1,873.63	114	14
I I/2"x 2"	£2,571.13	121	17
I I/2"x 3"	£3,311.63	121	25
2"x 3"	£3,657.25	124	27
3"x 4"	£5,933.88	181	56
4"× 6"	£8,858.88	181	90
6"x 8"	£20,266.38	241	160
8"x 10"	£23,447.00	279	195

Please call the sales team for your discount on this product

VALVE TYPE	Safety Relief
BODY MATERIAL	Stainless Steel
END CONNECTION	Flanged ANSI 300 RF, we also keep this item undrilled
SEAT/SEAL	Soft Seat Viton/PTFE
RATED	ANSI 300
OPERATION	Cap Top. Certified & Calibrated on request (additional cost)

Full specification sheet available on request

#### SAFETY RELIEF / STAINLESS STEEL / FLANGED ANSI 600 RF

**VC219** 



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"x 1"	£2,196.50	75	7
3/4"x I"	£2,244.25	75	7
I"x I"	£2,292.00	75	7
I"x 2"	£2,339.75	114	18
I I/2"x 2"	£3,820.00	152	20
I I/2"x 3"	£4,954.13	152	28
2"x 3"	£5,768.25	162	32
3"x 4"	£9,022.38	181	62
4"x 6"	£10,629.13	203	110
6"x 8"	£24,801.38	241	170
6"x 10"	£25,307.50	279	195

Please call the sales team for your discount on this product

BODY MATERIAL	Stainless Steel
END CONNECTION	Flanged ANSI 600 RF, we also keep this item undrilled
SEAT/SEAL	Soft Seat Viton/PTFE
RATED	ANSI 600
OPERATION	Cap Top. Certified & Calibrated on request (additional cost)

Full specification sheet available on request

VALVE TYPE

#### SAFETY RELIEF / CARBON STEEL / SCREWED BSP MALE/FEMALE, NPT AVAILABLE

**VC221** 



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"x 1"	£1,061.88	45	On request
3/4"x I"	£1,081.00	45	On request
1"x 1"	£1,109.63	45	On request
I"x I I/2"	£1,594.13	45	On request
I I/4"x 2"	£2,038.00	45	On request
I I/2"x 2 I/2"	£2,498.50	62	On request
2"x 3"	£2,959.13	62	On request

Please call the sales team for your discount on this product

VALVE TYPE	Safety Relief
BODY MATERIAL	Carbon Steel
END CONNECTION	Screwed BSP Male/Female, NPT available
SEAT/SEAL	PTFE Gasket, Soft Seat Viton/PTFE
RATED	PNI00
OPERATION	Cap Top
OTHER	Please state Spring range. Certified & Calibrated on request (additional cost)

#### SAFETY RELIEF / CARBON STEEL / FLANGED ANSI 150 RF

VC225



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"x 1"	£716.25	75	5
3/4"× I"	£766.38	75	5
l"x l"	£955.00	75	5
I"x 2"	£983.62	114	14
I I/2"x 2"	£1,556.63	121	17
I I/2"x 3"	£2,251.38	121	25
2"x 3"	£2,349.25	124	27
3"x 4"	£3,593.25	162	56
4"x 6"	£5,983.13	184	88
6"x 8"	£10,209.00	241	156
8"x 10"	£15,767.00	279	190

Please call the sales team for your discount on this product

VALVE TYPE	Safety Relief
BODY MATERIAL	Carbon Steel
END CONNECTION	Flanged ANSI 150 RF, we also keep this item undrilled
SEAT/SEAL	Soft Seat Viton/PTFE
RATED	ANSI 150
OPERATION	Сар Тор
OTHER	Please state Spring range. Certified & Calibrated on request (additional cost)

Full specification sheet available on request

#### SAFETY RELIEF / CARBON STEEL / FLANGED ANSI 300 RF

VC226



SIZE	PRICE	LENGTH MM	WEIGHT KG
I/2"x I"	£666.88	75	5
3/4"x I"	£732.25	75	5
I"x I"	£891.88	75	5
I"x 2"	£916.38	114	14
I I/2"x 2"	£1,429.75	121	17
I I/2"x 3"	£2,041.38	121	25
2"x 3"	£2,221.38	124	27
3"x 4"	£3,344.38	181	56
4"x 6"	£5,698.63	181	90
6"x 8"	£10,393.00	241	160
8"x 10"	£16,234.75	279	195

Please call the sales team for your discount on this product

VALVE TYPE	Safety Relief
BODY MATERIAL	Carbon Steel
END CONNECTION	Flanged ANSI 300 RF, we also keep this item undrilled
SEAT/SEAL	Soft Seat Viton/PTFE
RATED	ANSI 300
OPERATION	Cap Top
OTHER	Please state Spring range. Certified & Calibrated on request (additional cost)
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Full specification sheet available on request

#### SAFETY RELIEF / CARBON STEEL / FLANGED ANSI 600 RF

VC227



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"× 1"	£895.38	75	7
3/4"× I"	£950.25	75	7
l"x l"	£1,122.13	75	7
I"x 2"	£1,181.88	114	18
I I/2"x 2"	£2,387.50	152	20
I I/2"x 3"	£2,865.00	152	28
2"x 3"	£3,342.50	162	32
3"x 4"	£4,775.00	181	62
4"x 6"	£8,356.25	203	110
6"x 8"	£13,716.25	241	170
6"x 10"	£15,757.50	279	195

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VALVE TYPE	Safety Relief
BODY MATERIAL	Carbon Steel
END CONNECTION	Flanged ANSI 600 RF, we also keep this item undrilled
SEAT/SEAL	Soft Seat Viton/PTFE
RATED	ANSI 600
OPERATION	Cap Top
OTHER	Please state Spring range. Certified & Calibrated on request (additional cost)



INDUSTRIAL VALVE STOCKIST, ACTUATORS & RELATED EQUIPMENT

#### SAFETY RELIEF / CARBON STEEL / FLANGED PN40

VC222



SIZE	PRICE	LENGTH MM	WEIGHT KG			
15 x 25	£503.13	85	7			
20 x 32	£525.00	85	7			
25 × 40	£540.38	100	8			
32 × 50	£656.25	110	12			
40 × 65	£818.13	115	14			
50 × 80	£1,023.75	120	21			
65 × 100	£1,531.25	140	36			
80 x 125	£2,668.75	160	58			
100 x 150	£3,882.88	180	85			
125 × 200	£7,689.13	200	140			
150 × 250	£9,942.25	242	150			
200 × 300	£13,103.13	300	200			
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VALVE TYPE	Safety Relief	
BODY MATERIAL	Carbon Steel	
END CONNECTION	Flanged PN40, we also keep this item undrilled	
SEAT/SEAL	Soft Seat Viton/PTFE	
RATED	PN40	
OPERATION	Cap Top	
OTHER	Please state Spring range. Certified & Calibrated on request (additional cost)	

Full specification sheet available on request

#### **SAFETY RELIEF / CARBON STEEL / FLANGED PN63**

VC223



SIZE	PRICE	LENGTH MM	WEIGHT KG
15x 25	£1,312.50	85	7
20 × 32	£1,246.88	100	7
25 × 50	£1,750.00	110	9
32 × 50	£2,242.25	110	12
40 × 65	£2,756.25	115	14
50 × 80	£3,281.25	120	21
65 × 100	£4,550.00	140	36

Please call the sales team for your discount on this product

VALVE TYPE	Safety Relief
BODY MATERIAL	Carbon Steel
END CONNECTION	Flanged PN63, we also keep this item undrilled
SEAT/SEAL	Soft Seat Viton/PTFE
RATED	PN63
OPERATION	Cap Top
OTHER	Please state Spring range. Certified & Calibrated on request (additional cost)

Full specification sheet available on request

#### SAFETY RELIEF / CARBON STEEL / FLANGED PNI00

VC224



SIZE	PRICE	LENGTH MM	WEIGHT KG
15x 25	£1,312.50	85	7
20 x 32	£1,246.88	100	7
25 × 50	£1,750.00	110	9
32 × 50	£2,242.25	110	12
40 × 65	£2,756.25	115	14
50 × 80	£3,281.25	120	21
65 × 100	£4,550.00	140	36

Please call the sales team for your discount on this product

END CONNECTION Flanged PN100, we also keep this item undrilled  SEAT/SEAL Soft Seat Viton/PTFE RATED PN100	VALVE TYPE	Safety Relief
SEAT/SEAL Soft Seat Viton/PTFE RATED PNI00	BODY MATERIAL	Carbon Steel
RATED PNI00	END CONNECTION	Flanged PN100, we also keep this item undrilled
	SEAT/SEAL	Soft Seat Viton/PTFE
OPEN ATION.	RATED	PNI00
TOPERATION Cap Top	OPERATION	Cap Top
OTHER Please state Spring range. Certified & Calibrated on request (additional cost)	OTHER	Please state Spring range. Certified & Calibrated on request (additional cost)

#### **SAFETY RELIEF / NODULAR IRON / FLANGED PN16/25**

**VC220** 



	SIZE	PRICE	LENGTH MM	WEIGHT KG
	15× 25	£503.50	85	7
	$20 \times 32$	£481.25	85	7
	$25 \times 40$	£494.38	100	8
	$32 \times 50$	£603.75	110	12
	$40 \times 65$	£735.00	115	14
	50 × 80	£914.38	120	21
	65 × 100	£1,358.50	140	36
	80 x 125	£1,866.00	160	58
	100 x 150	£2,616.25	180	85
	125 × 200	£5,562.88	200	140
	150 × 250	£7,227.50	242	150
	200 × 300	£10,756.00	300	200
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Please call the sales team for your discount on this product

VALVE TYPE	Safety Relief
BODY MATERIAL	Nodular Iron
END CONNECTION	Flanged PN16/25, we also keep this item undrilled
SEAT/SEAL	Soft Seat Viton/PTFE
OPERATION	Cap Top. Certified & Calibrated on request (additional cost)

Full specification sheet available on request

#### PRESSURE REDUCING / BRASS / SCREWED BSP FEMALE UNION ENDS

VC25



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£41.97	112	0.96
3/4"	£68.90	135	1.65
["	£76.35	140	1.85
I I/4"	£146.24	170	3.4
I I/2"	£161.39	175	3.5
2"	£247.58	200	5.11

Please call the sales team for your discount on this product

VALVE TYPE	Pressure Reducing
BODY MATERIAL	Brass
END CONNECTION	Screwed BSP Female Union Ends
RATED	25 Bar Max Inlet, I – 6 Bar Max Outlet

Full specification sheet available on request

#### PRESSURE REDUCING / BRASS NICKEL PLATED / SCREWED BSP FEMALE

VC256



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£23.04	60	0.35
3/4"	£24.06	60	0.35

Please call the sales team for your discount on this product

VALVE TYPE	Pressure Reducing	
BODY MATERIAL	Brass Nickel Plated	
END CONNECTION	Screwed BSP Female	
RATED	16 Bar Max Inlet, I-4 Bar Max Outlet	
OTHER	Compact type	



#### PRESSURE REDUCING / BRASS / SCREWED BSP FEMALE

VC257



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£41.33	75	0.94
3/4"	£63.32	85	1.6
["	£71.52	89	1.72
1 1/4"	£140.01	125	3.22
I I/2"	£146.19	130	3.4
2"	£229.83	138	5.06
2 1/2"	£343.67	145	5.35
3"	£547.32	177	5.8
4"	£1,426.74	190	6.88

Please call the sales team for your discount on this product

VALVE TYPE	Pressure Reducing
BODY MATERIAL	Brass
END CONNECTION	Screwed BSP Female
SEAT/SEAL	Stainless Steel Seat
RATED	25 Bar Max Inlet, 0.5–6 Bar Max Outlet

Full specification sheet available on request

#### PRESSURE REDUCING / BRASS NICKEL PLATED / SCREWED BSP

**VC370** 



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£154.98	95	On request
3/4"	£186.40	95	On request
["	£277.48	95	On request
/4"	£348.06	116	On request
1 1/2"	£506.14	122	On request
2"	£704.18	126	On request
2 1/2"	£2,115.60	180	On request
3"	£2,891.72	188	On request
4"	£4,446.22	202	On request

Please call the sales team for your discount on this product

VALVE TYPE	Pressure Reducing
BODY MATERIAL	Brass Nickel Plated
END CONNECTION	Screwed BSP
SEAT/SEAL	Stainless Steel Seat
RATED	Max Inlet 25 Bar, Max Outlet 7 Bar

Full specification sheet available on request

#### PRESSURE REDUCING / BRASS NICKEL PLATED / FLANGED PN16

**VC371** 



SIZE	PRICE	LENGTH MM	WEIGHT KG
1"	£513.10	On request	On request
/4"	£670.56	On request	On request
1 1/2"	£871.96	On request	On request
2"	£1,203.64	202	On request
2 1/2"	£2,850.36	260	On request
3"	£3,809.26	276	On request
4"	£5,540.40	290	On request

Please call the sales team for your discount on this product

VALVE TYPE	Pressure Reducing
BODY MATERIAL	Brass Nickel Plated
END CONNECTION	Flanged PN16, we also keep this item undrilled
SEAT/SEAL	Stainless Steel Seat
RATED	Max Inlet 25 Bar, Max Outlet 7 Bar

#### PRESSURE REDUCING / GUNMETAL / SCREWED BSP

VC369



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£297.44	38	On request
3/4"	£363.70	47	On request
["	£492.06	62	On request

Please call the sales team for your discount on this product

VALVE TYPE	Pressure Reducing
BODY MATERIAL	Gunmetal
END CONNECTION	Screwed BSP
SEAT/SEAL	Tamper Proof Seal
RATED	Max Inlet 25 Bar, Max Outlet 8 Ba
OTHER	Approved for Portable Water

Full specification sheet available on request

#### PRESSURE REDUCING / CAST IRON / SCREWED BSP

**VC37** 



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£397.50	117	On request
3/4"	£478.06	117	On request
Ι"	£602.80	143	On request
/4"	£811.94	143	On request
1 1/2"	£1,070.28	159	On request
2"	£1,304.74	159	On request

Please call the sales team for your discount on this product

VALVE TYPE	Pressure Reducing
BODY MATERIAL	Cast Iron
END CONNECTION	Screwed BSP
SEAT/SEAL	Stainless Steel
RATED	Max inlet 13.8 Bar, Max Outlet 9.6 Bar

Full specification sheet available on request

#### PRESSURE REDUCING / DUCTILE IRON / FLANGED PN16/25

VC259



SIZE	PRICE	LENGTH MM	WEIGHT KG
2"	£1,316.52	230	18
2 1/2"	£1,609.50	290	30
3"	£1,903.50	310	38
4"	£2.137.50	350	58

 ${\it Please \ call \ the \ sales \ team \ for \ your \ discount \ on \ this \ product}$ 

VALVE TYPE	Pressure Reducing
BODY MATERIAL	Ductile Iron
END CONNECTION	Flanged PN16/25, we also keep this item undrilled
SEAT/SEAL	Seal Gasket NBR
RATED	2-8 Bar Spring



#### PRESSURE REDUCING / DUCTILE IRON / FLANGED PN16/25

VC260



SIZE	PRICE	LENGTH MM	WEIGHT KG
2"	£1,338.78	230	18
2 1/2"	£1,629.00	290	30
3"	£1,935.00	310	38
4"	£2,212.50	350	58

Please call the sales team for your discount on this product

VALVE TYPE	Pressure Reducing
BODY MATERIAL	Ductile Iron
END CONNECTION	Flanged PN16/25, we also keep this item undrilled
SEAT/SEAL	Seal Gasket NBR
RATED	4–12 Bar Spring

Full specification sheet available on request

#### PRESSURE REDUCING / DUCTILE IRON / FLANGED PN16/25

**VC258** 



SIZE	PRICE	LENGTH MM	WEIGHT KG
2"	£1,104.26	230	18
2 1/2"	£1,540.50	290	30
3"	£1,785.24	310	38
4"	£2,061.00	350	58

Please call the sales team for your discount on this product

VALVE TYPE	Pressure Reducing
BODY MATERIAL	Ductile Iron
END CONNECTION	Flanged PN16/25, we also keep this item undrilled
SEAT/SEAL	Seal Gasket NBR
RATED	I.5–6 Bar Spring

Full specification sheet available on request

#### AUTOMATIC AIR VENT / BRASS / SCREWED BSP FEMALE

**VC**331



SIZE	PRICE	LENGTH MM	WEIGHT KG
3/8"	£14.75	80	0.15
Ι"	£42.76	120	0.22

Please call the sales team for your discount on this product

VALVE TYPE	Automatic Air Vent
BODY MATERIAL	Brass
END CONNECTION	Screwed BSP Female
RATED	PNI0
IVILED	THE

#### DOUBLE REGULATING FIXED ORIFICE / BRASS / SCREWED BSP FEMALE

**VC165** 



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£64.55	90	0.51
3/4"	£68.99	102	0.57
Ι"	£79.16	110	0.071
/4"	£100.59	121	1.01
1 1/2"	£122.36	142	1.36
2"	£165.57	161	1.93

Please call the sales team for your discount on this product

VALVE TYPE	Double Regulating Fixed Orifice
BODY MATERIAL	Brass
END CONNECTION	Screwed BSP Female
RATED	PN25
OPERATION	Handwheel
OTHER	Includes Test Points

Full specification sheet available on request

#### DOUBLE REGULATING VARIABLE ORIFICE / DZR BRASS / SCREWED BSP FEMALE

**VC166** 



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£64.55	90	0.51
3/4"	£68.99	102	0.57
["	£79.16	110	0.071
/4"	£100.59	121	1.01
1 1/2"	£122.36	142	1.36
2"	£165.57	161	1.93

Please call the sales team for your discount on this product

VALVE TYPE	Double Regulating Variable Orifice
BODY MATERIAL	DZR Brass
END CONNECTION	Screwed BSP Female
RATED	PN25
OPERATION	Handwheel
OTHER	Includes Test Points

Full specification sheet available on request

## SET TEST POINTS AND SPARE EXTENSIONS / BRASS (TEST POINTS) AND STAINLESS STEEL (EXTENSIONS) / SCREWED BSP MALE

VC333



SIZE		PRICE
1/4"	Test Points	£11.03
1/4"	Extensions	£25.73

Please call the sales team for your discount on this product

VALVE TYPE	Set Test Points and Spare Extensions
BODY MATERIAL	Brass (Test Points) and Stainless Steel (Extensions)
END CONNECTION	Screwed BSP Male
RATED	20 Bar
OTHER	Set of Test Points Consists of 1x Red and 1x Blue



#### DOUBLE REGULATING VARIABLE ORIFICE / CAST IRON / FLANGED PNI6

VCI67



SIZE	PRICE	LENGTH MM	WEIGHT KG
2 1/2"	£330.81	290	21
3"	£502.95	310	26
4"	£631.43	350	35
5"	£968.76	400	50
6"	£1,276.58	480	73
8"	£2,081.52	600	147
10"	£2,800.35	730	215
12"	£3,736.50	850	280

Please call the sales team for your discount on this product

VALVE TYPE	Double Regulating Variable Orifice
BODY MATERIAL	Cast Iron
END CONNECTION	Flanged PN16, we also keep this item undrilled
RATED	PNI6
OPERATION	Handwheel
OTHER	Test Points Outlet/Inlet on Body

Full specification sheet available on request

#### **METERING STATION / STAINLESS STEEL / WAFER TYPE**

**VC332** 



SIZE	PRICE	LENGTH MM	WEIGHT KG
2"	£147.18	20	1.5
2 1/2"	£168.50	20	1.5
3"	£185.03	20	1.8
4"	£198.08	20	2.2
5"	£281.88	20	2.6
6"	£336.05	20	3
8"	£686.98	20	4.4
10"	£849.50	20	5.7
12"	£1,064.05	20	7.1

Please call the sales team for your discount on this product

VALVE TYPE	Metering Station
BODY MATERIAL	Stainless Steel
END CONNECTION	Wafer Type
RATED	16 Bar
OTHER	With Test Points and Extensions

Full specification sheet available on request

#### AIR RELEASE, SINGLE FLOAT / DUCTILE IRON BODY / FLANGED PN16

VC245



SIZE	PRICE	LENGTH MM	WEIGHT KG
2"	£188.61	206	18
2 1/2"	£235.76	206	18.5
3"	£239.13	206	19
4"	£420.99	280	31.5
5"	£458.04	280	34
6"	£476.40	280	36

Please call the sales team for your discount on this product

VALVE TYPE	Air Release, Single Float
BODY MATERIAL	Ductile Iron Body
END CONNECTION	Flanged PN16, we also keep this item undrilled
·	

#### AIR RELEASE, DOUBLE FLOAT / DUCTILE IRON BODY / FLANGED PN16

VC246



SIZE	PRICE	LENGTH MM	WEIGHT KG
2"	£296.37	On request	21
2 1/2"	£306.48	On request	21.5
3"	£340.16	On request	22
4"	£501.83	378	34.5
6"	£522.33	378	39

Please call the sales team for your discount on this product

VALVE TYPE	Air Release, Double Float
BODY MATERIAL	Ductile Iron Body
END CONNECTION	Flanged PN16, we also keep this item undrilled

Full specification sheet available on request

## PRESSURE VACUUM VALVE OPEN VENT / ALUMINIUM, STAINLESS STEEL TRIM / FLANGED

VC354



SIZE	PRICE	LENGTH MM	WEIGHT KG
2"	£952.50	250	TBC
3"	£1,112.50	287	TBC
4"	£1,377.50	330	TBC
6"	£2,062.50	380	TBC
8"	£3,247.50	437	TBC
10"	£4,762.50	503	TBC
12"	£5,985.00	578	TBC

Please call the sales team for your discount on this product

VALVE TYPE	Pressure Vacuum Valve Open Vent (Closed Vent available)
BODY MATERIAL	Aluminium, Stainless Steel Trim
END CONNECTION	Flanged (all Drillings available)
SEAT/SEAL	PTFE
RATED	Vacuum range From -2 Mbarg to -60 Mbarg, Pressure range From +2 Mbarg to 100Mbarg
OTHER	Please state Pressure and Vacuum settings at time of Enquiry/Order

Full specification sheet available on request

## PRESSURE VACUUM VALVE OPEN VENT / CARBON STEEL, STAINLESS STEEL TRIM / FLANGED

VC355



SIZE	PRICE	LENGTH MM	WEIGHT KG
2"	£1,615.00	250	TBC
3"	£1,880.00	287	TBC
4"	£2,085.00	330	TBC
6"	£3,085.00	380	TBC
8"	£4,005.00	437	TBC
10"	£5,665.00	503	TBC
12"	£6,875.00	578	TBC

Please call the sales team for your discount on this product

VALVE TYPE	Pressure Vacuum Valve Open Vent (Closed Vent available)
BODY MATERIAL	Carbon Steel, Stainless Steel Trim
END CONNECTION	Flanged (all Drillings available)
SEAT/SEAL	PTFE
RATED	Vacuum range From - 2 Mbarg to -60 Mbarg, Pressure range From +2 Mbarg to 100Mbarg
OTHER	Please state Pressure and Vacuum settings at time of Enquiry/Order



## PRESSURE VACUUM VALVE OPEN VENT / STAINLESS STEEL, STAINLESS STEEL TRIM / FLANGED

VC356



SIZE	PRICE	LENGTH MM	WEIGHT KG
2"	£1,927.50	250	TBC
3"	£2,260.00	287	TBC
4"	£2,770.00	330	TBC
6"	£4,567.50	380	TBC
8"	£5,422.50	437	TBC
10"	£8,035.00	503	TBC
12"	£10,402.50	578	TBC

Please call the sales team for your discount on this product

VALVE TYPE	Pressure Vacuum Valve Open Vent (Closed Vent available)
BODY MATERIAL	Stainless Steel, Stainless Steel Trim
END CONNECTION	Flanged (all Drillings available)
SEAT/SEAL	PTFE
RATED	Vacuum range From -2 Mbarg to -60 Mbarg, Pressure range From +2 Mbarg to 100Mbarg
OTHER	Please state Pressure and Vacuum settings at time of Enquiry/Order





#### Customer service is paramount, but don't just take our word for it

"I have always found the service provided by staff at Valve Center very helpfUL and are always willing to help. Response to enquiries are dealt with within the time scale given."—Pam at International Power PLC.





# SIGHT GLASSES

Sight Glass / Bronze with Pirex Dome / Screwed BSP Female16	5
Sight Glass / Bronze with Single Glass Inspection Window / Screwed	
BSP Female16	5
Sight Glass / Bronze with Glass Dome / Screwed BSP Female 16	5
Sight Glass / Bronze with Double Glass Inspection Window / Screwed B	SP
Female	6
Sight Glass / Bronze with Double Glass Inspection Window /	
Flanged PN1616	6

Sight Glass / Cast Iron with Double Glass Inspection Window /	
Flanged PN16167	1
Sight Glass / Cast Steel with Double Glass Inspection Window /	
Flanged PN16167	1
Sight Glass / Stainless Steel with Double Glass Inspection Window /	
Flanged PN16167	1



## SIGHT GLASSES

#### SIGHT GLASS / BRONZE WITH PIREX DOME / SCREWED BSP FEMALE

VC233



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£87.57	95	0.7
3/4"	£96.63	101	0.8
["	£108.71	106	0.95

Please call the sales team for your discount on this product

VALVE TYPE	Sight Glass
BODY MATERIAL	Bronze with Pirex Dome
END CONNECTION	Screwed BSP Female
RATED	5 Bar
OTHER	PVC Ball

Full specification sheet available on request

## SIGHT GLASS / BRONZE WITH SINGLE GLASS INSPECTION WINDOW / SCREWED BSP FEMALE

VC234



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£86.12	95	0.7
3/4"	£107.30	101	0.8
Ι"	£131.49	106	0.95

Please call the sales team for your discount on this product

VALVE TYPE	Sight Glass
BODY MATERIAL	Bronze with Single Glass Inspection Window
END CONNECTION	Screwed BSP Female
RATED	I6 Bar
OTHER	Moplen Ball

Full specification sheet available on request

#### SIGHT GLASS / BRONZE WITH GLASS DOME / SCREWED BSP FEMALE

VC235



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£100.94	80	0.7

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VALVE TYPE	Sight Glass
BODY MATERIAL	Bronze with Glass Dome
END CONNECTION	Screwed BSP Female
RATED	6 Bar
OTHER	Fitted with Rotor



## SIGHT GLASS / BRONZE WITH DOUBLE GLASS INSPECTION WINDOW / SCREWED BSP FEMALE

VC236



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£100.94	95	1.32
3/4"	£125.76	100	1.46
["	£151.38	107	1.67
/4"	£192.71	125	2.47
1 1/2"	£206.12	135	2.8
2"	£357.21	170	4.97

Please call the sales team for your discount on this product

VALVE TYPE	Sight Glass
BODY MATERIAL	Bronze with Double Glass Inspection Window
END CONNECTION	Screwed BSP Female
RATED	16 Bar
OTHER	Moplen Ball

Full specification sheet available on request

### SIGHT GLASS / BRONZE WITH DOUBLE GLASS INSPECTION WINDOW / SCREWED BSP FEMALE

VC237



SIZE	PRICE	LENGTH MM	WEIGHT KG
3/4"	£147.84	100	1.46
["	£156.83	107	1.67
/4"	£198.00	125	2.47
1 1/2"	£205.50	135	2.8
2"	£364.50	170	4.97

 ${\it Please \ call \ the \ sales \ team \ for \ your \ discount \ on \ this \ product}$ 

VALVE TYPE	Sight Glass
BODY MATERIAL	Bronze with Double Glass Inspection Window
END CONNECTION	Screwed BSP Female
RATED	8 Bar
OTHER	Fitted with Twin Rotor

Full specification sheet available on request

#### SIGHT GLASS / BRONZE WITH DOUBLE GLASS INSPECTION WINDOW / FLANGED PN16

VC238



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£157.07	110	2.5
3/4"	£175.53	120	2.8
Ι"	£204.80	135	3.01
/4"	£302.34	150	4.8
1 1/2"	£364.19	180	5.7
2"	£504.15	200	9
2 1/2"	£749.46	240	12.3
3"	£1,214.13	280	16
4"	£1,347.00	300	22

Please call the sales team for your discount on this product

VALVE TYPE	Sight Glass
BODY MATERIAL	Bronze with Double Glass Inspection Window
END CONNECTION	Flanged PN16, we also keep this item undrilled
RATED	16 Bar
OTHER	Fixed Vanes

## SIGHT GLASSES

## SIGHT GLASS / CAST IRON WITH DOUBLE GLASS INSPECTION WINDOW / FLANGED PNI6

**VC239** 



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£115.08	130	3
3/4"	£121.85	150	4
Ι"	£148.94	160	5
1 1/4"	£181.12	180	6.5
I I/2"	£189.59	200	7.3
2"	£225.12	230	10.5
2 1/2"	£389.31	290	17
3"	£423.15	310	20
4"	£567.03	350	26.5
6"	£2,051.79	480	68

Please call the sales team for your discount on this product

VALVE TYPE	Sight Glass
BODY MATERIAL	Cast Iron with Double Glass Inspection Window
END CONNECTION	Flanged PN16, we also keep this item undrilled
RATED	16 Bar
OTHER	Fixed Vanes

Full specification sheet available on request

## SIGHT GLASS / CAST STEEL WITH DOUBLE GLASS INSPECTION WINDOW / FLANGED PNI6

VC240



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£299.01	130	3
3/4"	£324.41	150	4
Ι"	£352.53	160	5
/4"	£429.68	180	6.5
1 1/2"	£455.61	200	7.3
2"	£631.94	230	10.5
2 1/2"	£974.55	290	17
3"	£1,087.11	310	20
4"	£1,547.73	350	26.5
6"	£3,374.90	480	68

Please call the sales team for your discount on this product

VALVE TYPE	Sight Glass
BODY MATERIAL	Cast Steel with Double Glass Inspection Window
END CONNECTION	Flanged PN16, we also keep this item undrilled
RATED	I6 Bar
OTHER	Fixed Vanes

Full specification sheet available on request

## SIGHT GLASS / STAINLESS STEEL WITH DOUBLE GLASS INSPECTION WINDOW / FLANGED PNI6

**VC241** 



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£444.12	130	3
3/4"	£485.76	150	4
Ι"	£538.92	160	5
/4"	£651.68	180	6.5
1 1/2"	£695.91	200	7.3
2"	£879.77	230	10.5
2 1/2"	£1,438.14	290	17
3"	£1,644.00	310	20
4"	£2,298.45	350	26.5
6"	£4,749.35	480	68

Please call the sales team for your discount on this product

VALVE TYPE	Sight Glass
BODY MATERIAL	Stainless Steel with Double Glass Inspection Window
END CONNECTION	Flanged PN16, we also keep this item undrilled
RATED	16 Bar
OTHER	Fixed Vanes



# SOLENOID VALVES

Solenoid 2/2 Way Normally Closed / Brass / Screwed BSP Female...169 Solenoid 2/2 Way Normally Open / Brass / Screwed BSP Female....169 Solenoid Valve Normally Closed / Stainless Steel / Screwed BSP.....170

Solenoid Valve Normally Open / Stainless Steel / Screwed BSP . . . . . 171 Solenoid Valve Normally Closed / Stainless Steel / Screwed NPT . . . . 171 Solenoid Valve Normally Open / Stainless Steel / Screwed NPT . . . . . 171



# SOLENOID VALVES

#### SOLENOID 2/2 WAY NORMALLY CLOSED / BRASS / SCREWED BSP FEMALE

VCI68



SIZE	ORIFICE	COIL	PRICE	LENGTH MM	WEIGHT KG
3/8"	I2mm	I2w	£132.75	61	0.68
1/2"	I2mm	I2w	£139.67	61	0.66
3/4"	20mm	I2w	£161.10	100	1.08
Ι"	25mm	I2w	£209.93	100	1.17
I I/4"	36mm	60w	£590.18	145	5
I I/2"	40mm	60w	£626.67	145	4.8
2"	51mm	60w	£697.55	174	7.25

Please call the sales team for your discount on this product

VALVE TYPE	Solenoid 2/2 Way normally closed
BODY MATERIAL	Brass
END CONNECTION	Screwed BSP Female
SEAT/SEAL	NBR (EPDM & Viton available)
RATED	0-5 Bar
OPERATION	Combined
OTHER	all Valves Complete with Coils (Please state voltage). Atex compliant valves are available (please enquire)

Full specification sheet available on request

#### SOLENOID 2/2 WAY NORMALLY CLOSED / BRASS / SCREWED BSP FEMALE

VC169



SIZE	ORIFICE	COIL	PRICE	LENGTH MM	WEIGHT KG
3/8"	I2mm	6w	£84.50	61	0.52
1/2"	I2mm	6w	£87.36	61	0.5
3/4"	20mm	6w	£122.82	85	0.82
["	25mm	6w	£183.30	100	1.07
/4"	36mm	6w	£283.97	131	2.7
I I/2"	40mm	6w	£416.61	145	3
2"	51mm	6w	£510.33	174	4.6
2 1/2"	65mm	6w	£885.71	243	9.4
3"	75mm	6w	£986.63	250	11.4

Please call the sales team for your discount on this product

VALVE TYPE	Solenoid 2/2 Way normally closed
BODY MATERIAL	Brass
END CONNECTION	Screwed BSP Female
SEAT/SEAL	NBR (Viton available)
RATED	0.3-10 Bar
OPERATION	Pilot
OTHER	all Valves complete with Coils (Please state voltage). Atex compliant valves are available (please enquire)

Full specification sheet available on request

#### SOLENOID 2/2 WAY NORMALLY OPEN / BRASS / SCREWED BSP FEMALE

**VC170** 



SIZE	ORIFICE	COIL	PRICE	LENGTH MM	WEIGHT KG
1/2"	I2mm	6w	£87.36	61	0.5
3/4"	20mm	6w	£122.82	85	0.82
Ι"	25mm	6w	£183.30	100	1.07
/4"	36mm	6w	£283.97	131	2.7
1 1/2"	40mm	6w	£416.61	145	3
2"	51mm	6w	£510.33	174	4.6
2 1/2"	65mm	6w	£885.71	243	9.4
3"	75mm	6141	1984 43	250	11.4

Please call the sales team for your discount on this product

VALVE TYPE	Solenoid 2/2 Way normally open
BODY MATERIAL	Brass
END CONNECTION	Screwed BSP Female
SEAT/SEAL	NBR (Viton available)
RATED	0.3-10 Bar
OPERATION	Pilot
OTHER	all Valves complete with Coils (Please state voltage). Atex compliant valves are available (please enquire)



#### SOLENOID 2/2 WAY NORMALLY CLOSED / BRASS / SCREWED BSP FEMALE

VCI7I



SIZE	ORIFICE	COIL	PRICE	LENGTH MM	WEIGHT KG
1/8"	1.5mm	4w	£38.67	31	0.09
1/8"	2.0mm	4w	£38.67	31	0.09
1/8"	2.7mm	4w	£38.67	31	0.09

Please call the sales team for your discount on this product

VALVE TYPE	Solenoid 2/2 Way normally closed
BODY MATERIAL	Brass
END CONNECTION	Screwed BSP Female
SEAT/SEAL	NBR (EPDM & Viton available)
RATED	0-17 Bar
OPERATION	Direct Control
OTHER	all Valves complete with Coils (Please state voltage). Atex compliant valves are available (please enquire)

Full specification sheet available on request

#### SOLENOID 2/2 WAY NORMALLY CLOSED / BRASS / SCREWED BSP FEMALE

**VC172** 



SIZE	ORIFICE	COIL	PRICE	LENGTH MM	WEIGHT KG
1/8"	1.5mm	6w	£46.59	35	0.22
1/8"	2.0mm	6w	£46.59	35	0.22
1/8"	2.7mm	6w	£46.59	35	0.22

Please call the sales team for your discount on this product

VALVE TYPE	Solenoid 2/2 Way normally closed
BODY MATERIAL	Brass
END CONNECTION	Screwed BSP Female
SEAT/SEAL	NBR (EPDM & Viton available)
RATED	0–17 Bar
OPERATION	Direct Control
OTHER	all Valves complete with Coils (Please state voltage). Atex compliant valves are available (please enquire)

Full specification sheet available on request

#### SOLENOID VALVE NORMALLY CLOSED / STAINLESS STEEL / SCREWED BSP

**VC359** 



SIZE	PRICE	LENGTH MM	WEIGHT KG
3/8"	£157.48	67	0.74
1/2"	£157.48	67	0.74
3/4"	£233.71	100	1.56
["	£233.71	100	1.56
/4"	£326.76	133	2.56
1 1/2"	£326.76	133	2.56
2"	£501.91	160	3.44

 ${\it Please \ call \ the \ sales \ team \ for \ your \ discount \ on \ this \ product}$ 

Solenoid Valve normally closed
Stainless Steel
Screwed BSP
NBR, FKM and EPDM available
I5 Bar
Air
Coils available in 24V, 240V and 110V (please state)
available with explosion proof Coil. Atex compliant valves are available (please enquire)

# SOLENOID VALVES

#### SOLENOID VALVE NORMALLY OPEN / STAINLESS STEEL / SCREWED BSP

**VC**360



SIZE	PRICE	LENGTH MM	WEIGHT KG
3/8"	£191.61	67	0.74
1/2"	£191.61	67	0.74
3/4"	£267.84	100	1.56
["	£267.84	100	1.56
1 1/4"	£360.89	133	2.56
1 1/2"	£360.89	133	2.56
2"	£536.04	160	3.44

Please call the sales team for your discount on this product

VALVE TYPE	Solenoid Valve normally open
BODY MATERIAL	Stainless Steel
END CONNECTION	Screwed BSP
SEAT/SEAL	NBR, FKM and EPDM available
RATED	15 Bar
OPERATION	Air
OTHER	Coils available in 24V, 240V and 110V (please state)
OPTIONS	available with explosion proof Coil. Atex compliant valves are available (please enquire)

Full specification sheet available on request

#### SOLENOID VALVE NORMALLY CLOSED / STAINLESS STEEL / SCREWED NPT

**VC361** 



SIZE	PRICE	LENGTH MM	WEIGHT KG
3/8"	£173.24	67	0.74
1/2"	£173.24	67	0.74
3/4"	£257.08	100	1.56
1"	£257.08	100	1.56
1 1/4"	£359.44	133	2.56
1 1/2"	£359.44	133	2.56
2"	£552.10	160	3.44

Please call the sales team for your discount on this product

VALVE TYPE	Solenoid Valve normally closed
BODY MATERIAL	Stainless Steel
END CONNECTION	Screwed NPT
SEAT/SEAL	NBR, FKM and EPDM available
RATED	15 Bar
OPERATION	Air
OTHER	Coils available in 24V, 240V and 110V (please state)
OPTIONS	available with explosion proof Coil. Atex compliant valves are available (please enquire)

Full specification sheet available on request

#### SOLENOID VALVE NORMALLY OPEN / STAINLESS STEEL / SCREWED NPT

VC362



SIZE	PRICE	LENGTH MM	WEIGHT KG
3/8"	£210.77	67	0.74
1/2"	£210.77	67	0.74
3/4"	£294.62	100	1.56
["	£294.62	100	1.56
I I/4"	£396.98	133	2.56
I I/2"	£396.98	133	2.56
2"	£589.64	160	3.44

 ${\it Please \ call \ the \ sales \ team \ for \ your \ discount \ on \ this \ product}$ 

VALVE TYPE	Solenoid Valve normally open
BODY MATERIAL	Stainless Steel
END CONNECTION	Screwed NPT
SEAT/SEAL	NBR, FKM and EPDM available
RATED	I5 Bar
OPERATION	Air
OTHER	Coils available in 24V, 240V and 110V (please state)
OPTIONS	available with explosion proof Coil. Atex compliant valves are available (please enquire)



# STRAINERS

Y-Type Strainer	Y-Type Strainer / Stainless Steel / Flanged PN16
Y-Type Strainer / Brass / Screwed BSP Female	Y-Type Strainer / Stainless Steel / Flanged ANSI 150 RF174
Y-Type Strainer / Bronze / Screwed BSP Female	Y-Type Strainer / SG Iron / Screwed BSP Female
Y-Type Strainer / Bronze / Flanged PN16	Y-Type Strainer / Cast Steel / Flanged PN25/40
Y-Type Strainer / Stainless Steel / Screwed BSP Female	Y-Type Strainer / Cast Iron / Flanged PN16



# Y-TYPE STRAINER

#### Y-TYPE STRAINER / BRASS / SCREWED BSP FEMALE

VCI39



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/4"	£6.60	48	0.1
3/8"	£6.48	56	0.12
1/2"	£6.41	56	0.13
3/4"	£8.75	68	0.2
Ι"	£12.41	75	0.28
/4"	£19.25	96	0.56
1 1/2"	£25.61	107	0.68
2"	£42.32	125	1.33
2 1/2"	£96.24	136	1.99
3"	£129.36	154	2.85
4"	£246.69	217	5.37

Please call the sales team for your discount on this product

VALVE TYPE	Y-Type Strainer
BODY MATERIAL	Brass
END CONNECTION	Screwed BSP Female
SEAT/SEAL	Stainless Steel Mesh
RATED	PNI6

Full specification sheet available on request

#### Y-TYPE STRAINER / BRONZE / SCREWED BSP FEMALE

VCI40



SIZE	PRICE	LENGTH MM	WEIGHT KG
3/8"	£13.37	55	0.19
1/2"	£15.08	65	0.3
3/4"	£21.47	85	0.35
["	£28.89	92	0.48
/4"	£42.32	105	0.72
1 1/2"	£51.03	115	0.9
2"	£83.52	147	1.6
2 1/2"	£117.63	145	1.93
3"	£158.10	167	3.7
4"	£301.52	226	7.5

Please call the sales team for your discount on this product

VALVE TYPE	Y-Type Strainer
BODY MATERIAL	Bronze
END CONNECTION	Screwed BSP Female
SEAT/SEAL	Stainless Steel Mesh
RATED	PNI6

Full specification sheet available on request

#### Y-TYPE STRAINER / BRONZE / FLANGED PNI6

VCI4I



SIZE	PRICE	LENGTH MM	WEIGHT KG
Ι"	£193.89	140	2.5
/4"	£262.04	145	4.2
1 1/2"	£331.55	170	5.2
2"	£427.08	185	6.8
2 1/2"	£484.80	205	8.8
3"	£683.60	220	10.5
4"	£951.60	255	14

Please call the sales team for your discount on this product

VALVE TYPE	Y-Type Strainer
BODY MATERIAL	Bronze
END CONNECTION	Flanged PN16 (Also available Undrilled PN6, PN10, Table D/E and ANSI 150)
RATED	PNI6
OTHER	Prices Apply to PNI6

Full specification sheet available on request



#### Y-TYPE STRAINER / STAINLESS STEEL / SCREWED BSP FEMALE

VCI44



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/4"	£44.15	65	0.16
3/8"	£45.06	65	0.14
1/2"	£49.46	65	0.21
3/4"	£57.08	80	0.35
["	£64.11	90	0.51
1 1/4"	£87.39	105	0.82
1 1/2"	£118.46	120	1.15
2"	£176.43	140	1.95

Please call the sales team for your discount on this product

VALVE TYPE	Y-Type Strainer
BODY MATERIAL	Stainless Steel
END CONNECTION	Screwed BSP Female
SEAT/SEAL	Teflon Cap Gasket
RATED	PN40
OTHER	Usually fitted with a Imm Stainless Steel Screen

Full specification sheet available on request

#### Y-TYPE STRAINER / STAINLESS STEEL / FLANGED PN16

VCI4



SIZE	PRICE	LENGTH MM	WEIGHT KG
Ι"	£250.00	150	3.8
1 1/2"	£331.41	190	6.8
2"	£412.02	210	9
2 1/2"	£644.97	250	11.8
3"	£842.04	280	16.8
4"	£1,074.92	340	25.2
6"	£1,886.90	420	58

Please call the sales team for your discount on this product

VALVE TYPE	Y-Type Strainer
BODY MATERIAL	Stainless Steel
END CONNECTION	Flanged PN16, we also keep this item undrilled
SEAT/SEAL	PTFE Cap Gasket
RATED	PN40
OTHER	Usually fitted with a Imm Stainless Steel Screen

Full specification sheet available on request

#### Y-TYPE STRAINER / STAINLESS STEEL / FLANGED ANSI 150 RF

VCI46



SIZE	PRICE	LENGTH MM	WEIGHT KG
1"	£250.80	150	3.2
1 1/2"	£331.46	190	8
2"	£412.02	210	11.6
3"	£842.04	280	18.4
4"	£1,074.92	340	23
6"	£1,886.90	420	48

Please call the sales team for your discount on this product

VALVE TYPE	Y-Type Strainer
BODY MATERIAL	Stainless Steel
END CONNECTION	Flanged ANSI 150 RF, we also keep this item undrilled
SEAT/SEAL	PTFE Cap Gasket
RATED	PN40
OTHER	Usually fitted with a Imm Stainless Steel Screen

# Y-TYPE STRAINER

#### Y-TYPE STRAINER / SG IRON / SCREWED BSP FEMALE

VCI43



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£21.69	68	0.42
3/4"	£29.13	74	0.51
1"	£46.85	92	0.52
1 1/4"	£72.06	108	1.02
1 1/2"	£80.09	114	1.03
2"	£124.80	147	2.05
2 1/2"	£249.00	226	9.5
3"	£278.19	226	9.5

Please call the sales team for your discount on this product

VALVE TYPE	Y-Type Strainer
BODY MATERIAL	SG Iron
END CONNECTION	Screwed BSP Female
SEAT/SEAL	Stainless Steel Mesh
RATED	13.8 Bar
OTHER	1/2"-1 1/2"20 Mesh

Full specification sheet available on request

#### Y-TYPE STRAINER / CAST STEEL / FLANGED PN25/40

**VC147** 



SIZE	PRICE	LENGTH MM	WEIGHT KG
1/2"	£146.72	130	3
3/4"	£185.48	150	4
Ι"	£202.10	160	5
/4"	£251.91	180	6.5
1 1/2"	£312.81	200	8.5
2"	£379.26	230	12
2 1/2"	£390.33	290	18
3"	£581.34	310	23
4"	£885.86	350	47
5"	£1,209.75	400	66
6"	£1,616.69	480	105

1		Please call the sales team for your discount on this product	
VALVE TYPE	Y-Type Strainer		
BODY MATERIAL	Cast Steel		
END CONNECTION	Flanged PN25/40, we also keep this item undrilled		
SEAT/SEAL	all Packing Graphite		
OTHER	Screen X5CrNi18-10		

Full specification sheet available on request

#### Y-TYPE STRAINER / CAST IRON / FLANGED PNI6

**VC142** 



SIZE	PRICE	LENGTH MM	WEIGHT KG	
1/2"	£36.81	130	3	
3/4"	£40.17	150	4	
Ι"	£48.23	160	5	
1 1/4"	£52.34	180	7	
1 1/2"	£67.31	200	8	
2"	£68.96	230	H	
2 1/2"	£101.91	290	16	
3"	£120.06	310	18	
4"	£181.43	350	27	
5"	£279.87	400	35	
6"	£409.28	480	47	
8"	£851.76	600	85	
10"	£1,521.00	730	145	
12"	£2,463.24	850	200	
14"	£3,512.88	980	O/A	
16"	£4,841.55	1100	O/A	
Please call the sales team for your discount on this broduct				

Please call the sales team for your discount on this product

VALVE TYPE	Y-Type Strainer
BODY MATERIAL	Cast Iron
END CONNECTION	Flanged PN16, we also keep this item undrilled
SEAT/SEAL	Stainless Steel Filter Mesh Screen with Drain Plug
RATED	PNI6
OTHER	Mesh Sizes: I/2"-2"1.00mm, 2 1/2"-3"1.25mm, 3"-6"1.6mm



# TANKER VALVES

Ball, Full Bore / Stainless Steel / PN16/40 Inlet, Slotted Outlet to Suit ANS
150, Table H, PN16/40177
Ball / Stainless Steel / Inlet Flanged with 6 Holes on 168mm PCD,
3" BSP Outlet
Ball, Slotted 4 Hole Outlet / Stainless Steel / Inlet Flanged with 6 Holes or
168mm PCD, Outlet Slotted to Suit ANSI 150, Table D/E,
PN16/40177
Pneumatic Actuated Ball / Stainless Steel / PN16/40 Inlet, Slotted Outlet
to Suit ANSI 150, Table H, PN16/40
Tanker Butterfly / Stainless Steel / Weld Inlet, BSP Outlet178
Butterfly / Stainless Steel / Clamped
Butterfly / Stainless Steel / TW80/TW100 Flanged

Butterfly / Stainless Steel / PN16/40 Inlet, Slotted Outlet to Suit ANSI 150,
Table H, PN16/40
Pneumatic Actuated Butterfly / Stainless Steel / Clamped179
90 Deg Lever Footvalve / Stainless Steel / Inlet Flanged 3 1/2" ANSI 150,
Outlet Flanged 3" PN10/40
90 Deg Pneumatic Footvalve / Stainless Steel / Inlet Flanged 5" PN16,
Outlet Flanged 4" PN10/16/40
Pressure Relief / Stainless Steel / Screwed BSP
Vacuum Relief / Stainless Steel / Screwed BSP
Pressure/Vacuum Relief / Stainless Steel / Screwed BSP
Pressure/Vacuum Super Maxi Emergency Relief / Stainless Steel / Screwed
BSP



## **TANKER VALVES**

# BALL, FULL BORE / STAINLESS STEEL / PNI6/40 INLET, SLOTTED OUTLET TO SUIT ANSI 150, TABLE H, PNI6/40 $\,$

**VC311** 



SIZE	PRICE	LENGTH MM	WEIGHT KG
2"	£881.45	72	4.7

Please call the sales team for your discount on this product

VALVE TYPE	Ball, Full Bore
BODY MATERIAL	Stainless Steel
END CONNECTION	PN16/40 inlet, slotted outlet to suit ANSI 150, Table H, PN16/40
SEAT/SEAL	PTFE Seals
RATED	15 Bar
OPERATION	Lever
OTHER	Please state what option you require (price based on option A)
OPTION A	Steam Heating Provision
OPTION B	DN80 Inlet Adaptor & c/w Outlet Blind Flange
OPTION C	2"BSP Outlet Spigot Flange
OPTION D	c/w Outlet Blind Flange

Full specification sheet available on request

### BALL / STAINLESS STEEL / INLET FLANGED WITH 6 HOLES ON 168MM PCD, 3"BSP OUTLET

VC309



SIZE	PRICE	LENGTH MM	WEIGHT KG
3"	£1,207.20	106	12.6

Please call the sales team for your discount on this product

VALVE TYPE	Ball
BODY MATERIAL	Stainless Steel
END CONNECTION	Inlet flanged with 6 holes on 168mm PCD, 3"BSP outlet, we also keep this item undrilled
SEAT/SEAL	PTFE Seals
RATED	10.5 Bar
OPERATION	Lever
OTHER	Please state what option you require (price based on option A)
OPTION A	Left Hand operated, TIR
OPTION B	Right Hand operated TIR
OPTION C	Steam Heated, Left or Right Hand operated

Full specification sheet available on request

# BALL, SLOTTED 4 HOLE OUTLET / STAINLESS STEEL / INLET FLANGED WITH 6 HOLES ON 168MM PCD, OUTLET SLOTTED TO SUIT ANSI 150, TABLE D/E, PN16/40

VC310



SIZE	PRICE	LENGTH MM	WEIGHT KG
3"	£1.069.05	105	12.15

Please call the sales team for your discount on this product

VALVE TYPE	Ball, Slotted 4 Hole Outlet
BODY MATERIAL	Stainless Steel
END CONNECTION	Inlet flanged with 6 holes on 168mm PCD, outlet slotted to suit ANSI 150, Table D/E, PN16/40, we also keep this item undrilled
SEAT/SEAL	PTFE Seals
RATED	10.5 Bar
OPERATION	Lever
OTHER	Please state what option you require (price based on option A)
OPTION A	3"Standard Ball Valve, 6 Hole Inlet, 4 Hole Outlet
OPTION B	Fitted With High Temperature Seals
OPTION C	Steam Heated Valve
OPTION D	3"Standard Ball Valve, 4 Hole Inlet, 4 Hole Outlet
OPTION E	Steam Heated Valve



# PNEUMATIC ACTUATED BALL / STAINLESS STEEL / PN16/40 INLET, SLOTTED OUTLET TO SUIT ANSI 150, TABLE H, PN16/40

**VC297** 



SIZE	PRICE	LENGTH MM	WEIGHT KG
2"	£688.83	72	7.75
Other sizes are available, please enquire			

Please call the sales team for your discount on this product

VALVE TYPE	Pneumatic actuated ball
BODY MATERIAL	Stainless Steel
END CONNECTION	PN16/40 inlet, slotted outlet to suit ANSI 150, Table H, PN16/40
SEAT/SEAL	PTFE
RATED	15 Bar
OPERATION	Kinetrol spring return actuator, double acting and accessories are also available

Full specification sheet available on request

#### TANKER BUTTERFLY / STAINLESS STEEL / WELD INLET, BSP OUTLET

**VC312** 



SIZE	PRICE	LENGTH MM	WEIGHT KG
3"	£1,220.38	184	8

Please call the sales team for your discount on this product

VALVE TYPE	Tanker Butterfly	
BODY MATERIAL	Stainless Steel	
END CONNECTION	Weld inlet, BSP outlet (NPT & weld outlet available)	
SEAT/SEAL	PTFE Seals	
RATED	10 Bar	
OPERATION	Lockable Lever with TIR	
OTHER	Please state what option you require (price based on option A)	
OPTION A	Non-Vented with 3"BSP Standard Outlet	
OPTION B	Vented 3/8"BSP with 3"BSP Standard Outlet	
OPTION C	Non-Vented with 3"BSP Extended Outlet	
OPTION D	Vented 3/8"BSP with 3"BSP Extended Outlet	

Full specification sheet available on request

#### **BUTTERFLY / STAINLESS STEEL / CLAMPED**

**VC313** 



SIZE	PRICE	LENGTH MM	WEIGHT KG
2"	£703.20	32	2.34
3"	£863.08	46	4.5
4"	£1,249,18	46	4

Please call the sales team for your discount on this product

VALVE TYPE	Butterfly
BODY MATERIAL	Stainless Steel
END CONNECTION	Clamped
SEAT/SEAL	PTFE Seals
RATED	10 Bar
OPERATION	Lockable Lever with TIR
OTHER	Please state what option you require (price based on option A)
OPTION A	Left Hand Standard Butterfly Valve
OPTION B	Left Hand with Semi-Spherical Closure Plate
OPTION C	Right Hand Standard Butterfly Valve

# TANKER VALVES

#### BUTTERFLY / STAINLESS STEEL / TW80/TW100 FLANGED

VC316



SIZE	PRICE	LENGTH MM	WEIGHT KG
3"	£1,087.45	44	5.5
4"	£1,346.78	48	6

Please call the sales team for your discount on this product

VALVE TYPE	Butterfly
BODY MATERIAL	Stainless Steel
END CONNECTION	TW80/TW100 flanged, we also keep this item undrilled
SEAT/SEAL	PTFE Seals
RATED	10 Bar on 3", 7.8 Bar on 4"
OPERATION	Locking Lever with TIR
OTHER	Please state what option you require
OPTION A	TW80 Clamped Butterfly Valve
OPTION B	TW100 Clamped Butterfly Valve

Full specification sheet available on request

# BUTTERFLY / STAINLESS STEEL / PNI6/40 INLET, SLOTTED OUTLET TO SUIT ANSI 150, TABLE H, PNI6/40

VC317



SIZE	PRICE	LENGTH MM	WEIGHT KG
3"	£1,371.85	50	7

Please call the sales team for your discount on this product

VALVE TYPE	Butterfly
BODY MATERIAL	Stainless Steel
END CONNECTION	PN16/40 inlet, slotted outlet to suit ANSI 150, Table H, PN16/40
SEAT/SEAL	PTFE Seals
RATED	10.35 Bar
OPERATION	Locking Lever with TIR
OTHER	Please state what option you require (price based on option A)
OPTION A	6 Hole Inlet Standard Valve
OPTION B	DN80 Inlet Flange for 8 Timing Positions
OPTION C	Inlet Flange with Steam Heating Provision
OPTION D	Standard Valve with Semi–Sperical Closure Plate

Full specification sheet available on request

#### PNEUMATIC ACTUATED BUTTERFLY / STAINLESS STEEL / CLAMPED

VC314



SIZE	PRICE	LENGTH MM	WEIGHT KG
3"	£1,644.78	46	14
Other sizes are available, please enquire			

 ${\it Please \ call \ the \ sales \ team \ for \ your \ discount \ on \ this \ product}$ 

VALVE TYPE	Pneumatic Actuated Butterfly
BODY MATERIAL	Stainless Steel
END CONNECTION	Clamped
SEAT/SEAL	PTFE Seals
RATED	IO Bar
OPERATION	Spring Return Pneumatic operated, manual available, double acting and accessories are also available
OTHER	Please state what option you require (price based on option B)
OPTION A	Standard Manually operated Butterfly Valve
OPTION B	Butterfly Valve with Pneumatic Actuator
OPTION A	Please state what option you require (price based on option B) Standard Manually operated Butterfly Valve



## 90 DEG LEVER FOOTVALVE / STAINLESS STEEL / INLET FLANGED 3 1/2"ANSI 150, OUTLET FLANGED 3"PN10/40

**VC304** 



SIZE	PRICE	LENGTH MM	WEIGHT KG
3"	£2,084.63	Dep on Spec	10 kg (Dep on Spec)

Please call the sales team for your discount on this product

VALVE TYPE	90 Deg Lever Footvalve	
BODY MATERIAL	Stainless Steel	
END CONNECTION	Inlet flanged 3 1/2"ANSI 150, outlet flanged 3"PN10/40 – other drillings are available	
SEAT/SEAL	FEP encapsulated silicone O-Ring	
RATED	6 Bar	
OPERATION	Lever	
OTHER	Please state what option you require (price based on option A)	
OPTION A	Standard Body, manually operated	
OPTION B	Long Radius Body, manually operated	
OPTION C	Standard Body, Pneumatically operated	
OPTION D	Long Radius Body, Pneumatically operated, 3"BSTD	

Full specification sheet available on request

# 90 DEG PNEUMATIC FOOTVALVE / STAINLESS STEEL / INLET FLANGED 5"PNI6, OUTLET FLANGED 4"PNI0/16/40

VC305



SIZE	PRICE	LENGTH MM	WEIGHT KG
4"	£3,631.80	Dep on Spec	23 kg (Dep on Spec)

Please call the sales team for your discount on this product

VALVE TYPE	90 Deg Pneumatic Footvalve		
BODY MATERIAL	Stainless Steel		
END CONNECTION	Inlet flanged 5"PN16, outlet flanged 4"PN10/16/40 – other drillings are available, we also keep this item undrilled		
SEAT/SEAL	FEP encapsulated silicone O-Ring		
RATED	6 Bar		
OPERATION	Pneumatic Cylinder (Manual available)		
OTHER	Please state what option you require (price based on option A)		
OPTION A	Standard Body, Pneumatically operated		
OPTION B	Standard Body, Manually operated		
OPTION C	Standard Body, Pneumatically operated, Steam Heating		
OPTION D	Standard Body, Pneumatically operated, Replaceable Seat		

Full specification sheet available on request

#### PRESSURE RELIEF / STAINLESS STEEL / SCREWED BSP

VC298



SIZE	PRICE	LENGTH MM	WEIGHT KG	
["	£156.25	40	0.2	

Please call the sales team for your discount on this product

VALVE TYPE	Pressure Relief		
BODY MATERIAL Stainless Steel			
END CONNECTION Screwed BSP			
SEAT/SEAL	Viton (Standard), FEP encapsulated silicone, Perfluoroelastomer, & EPDM available		
RATED	I – 45 PSI Rated		
OTHER Please state what option you require (price based on option A and EPDM)			
OPTION A I"BSP Male Standard			
OPTION B	DN B I"BSP Male With Manual Vent Button		
OPTION C	I"BSP Male With Manual Vent Button & TIR Facility		
OPTION D	I"BSP Male With Manual Vent Button & Ventlock Facility		
OPTION E	I"BSP Female Standard		
OPTION F	I"BSP Female With Manual Vent Button & Ventlock Facility		

# TANKER VALVES

#### PRESSURE RELIEF / STAINLESS STEEL / SCREWED BSP

VC299



SIZE	E PRICE LENGTH MM		WEIGHT KG
1 1/2"	£262.50	64	0.8

Please call the sales team for your discount on this product

VALVE TYPE	Pressure Relief		
BODY MATERIAL	Stainless Steel		
END CONNECTION	Screwed BSP		
SEAT/SEAL	FEP encapsulated silicone,Viton,Perfluoroelastomer,EPDM & High Temp FEP encapsulated silicone available		
RATED	I – 72 PSI Rated		
OTHER	Please state what option you require (price based on option A and EPDM		
OPTION A	I I/2"BSP Male Standard Valve		
OPTION B	I I/2"BSP Male Standard Valve, Cowl		
OPTION C	I I/2"BSP Male Standard Valve, Cowl & Gauze		
OPTION D	I I/2"Milk Fitting Valve		
OPTION E	I I/2"BSP Hastelloy Valve		
OPTION F	I /2"BSP Valve with PTFE Tank Seal		

Full specification sheet available on request

#### **VACUUM RELIEF / STAINLESS STEEL / SCREWED BSP**

VC300



SIZE	PRICE	LENGTH MM	WEIGHT KG	
1 1/2"	£262.50	64	0.8	

Please call the sales team for your discount on this product

VALVE TYPE	Vacuum Relief		
BODY MATERIAL	Stainless Steel		
END CONNECTION	Screwed BSP		
SEAT/SEAL	FEP encapsulated silicone,Viton,Perfluoroelastomer,EPDM & High Temp FEP encapsulated silicone available		
RATED	Minus 0.02 to Minus 0.9 Bar Rated		
OTHER	Please state what option you require (price based on option A and EPDM)		
OPTION A	I I/2"BSP Male Standard Valve		
OPTION B	I I/2"BSP Male Standard Valve, Cowl		
OPTION C	I I/2"BSP Male Standard Valve, Cowl & Gauze		
OPTION D	I 1/2"BSP Valve With Manual Vent Button		
OPTION E	I I/2"Milk Fitting Valve		
OPTION F	I I/2"BSP Hastelloy Valve		
OPTION G	I /2"BSP Valve with PTFE Tank Seal		

Full specification sheet available on request

#### PRESSURE/VACUUM RELIEF / STAINLESS STEEL / SCREWED BSP

**VC301** 



I	SIZE	PRICE	LENGTH MM	WEIGHT KG	
ı	2 1/2"	£539.40	61	1.6	

Please call the sales team for your discount on this product

VALVE TYPE	Pressure/Vacuum Relief	
BODY MATERIAL Stainless Steel		
END CONNECTION Screwed BSP		
SEAT/SEAL	FEP encapsulated silicone & Viton available	
RATED Pressure 0.07 to 4.34 Bar, Vacuum 0.02 to 0.81 Bar available		
OTHER Please state what option you require (price based on option A and EPDM)		
OPTION A Standard Pressure Valve Only		
OPTION B Standard Pressure/Vacuum Valve		
OPTION C	2 I/2"Nickel Plated Valve, Pressure/Vacuum	
OPTION D 2 1/2"Twinact with Gauze, Pressure/Vacuum		
OPTION E 2 1/2"Twinact with Gauze, Pressure Only		
OPTION F	2 I/2"Milk Fitting Valve	



# PRESSURE/VACUUM SUPER MAXI EMERGENCY RELIEF / STAINLESS STEEL / SCREWED BSP

VC302



SIZE	PRICE	LENGTH MM	WEIGHT KG	
2 1/2"	£629.23	68	2.2	

Please call the sales team for your discount on this product

VALVE TYPE	Pressure/Vacuum Super Maxi Emergency Relief	
BODY MATERIAL	Stainless Steel	
END CONNECTION	Screwed BSP	
SEAT/SEAL	FEP encapsulated silicone	
RATED Pressure 0.21 to 4.55 Bar, Vacuum 0 to 0.81 Bar available		
OTHER	Please state what option you require (price based on option D)	
OPTION A	Pressure 2.19 Bar, Vacuum Minus 0.21 Bar	
OPTION B	Pressure 3.31 Bar, Vacuum Minus 0.21 Bar	
OPTION C Pressure 3.71 Bar, Vacuum Minus 0.21 Bar		
OPTION D	Pressure 4.40 Bar, Vacuum Minus 0.21 Bar	



# FLANGE INFORMATION

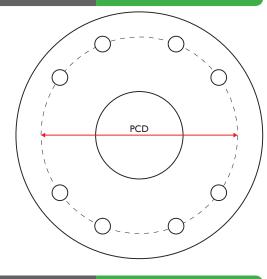
#### WHAT IS DN?

DN stands for 'Diameter Nominale'.

Put simply, it is a rough translation of mm from imperial sizes, assuming that an inch is 25mm. We refer to a 12"flange as DN300, when in fact it is 304mm.

#### WHAT IS THE PCD?

The PCD of a flange is one of the critical dimensions. PCD (Pitch Circle Diameter) is the distance from the centre of Two opposite bolt holes.



#### THERE ARE SEVERAL STANDARDS FOR FLANGES, FOUR COMMON SPECIFICATIONS ARE

British Standard—BS10	Table D Table E Table F Table G Table H Table J Table K		e most popular for applications with water.  ns are specified in inches.
Australian Standard—AS2129	Table C Table D Table E Table F Table G Table H Table J	These flanges are equivalent to the BSI0 flanges, except that all dimensions a specified in mm. In some sizes, bolt holes are slightly larger to give better clearly and the state of the same sizes.	
American National Standards Institute (ANSI)	ANSI 125 ANSI 150 ANSI 300 ANSI 600 ANSI 900 ANSI 1500		
British Standard-BS4504	BS4504-6 BS4504-10 BS4504-16 BS4504-25 BS4504-40 BS4504-64 BS4504-100	PN6 PNI0 PNI6 PN25 PN40 PN64 PNI00	Engineers use the prefix PN (Pressure Nominale). e.g. a BA4504-16 flange will commonly be referred to as a PN16. Generally, a PN16 flange is designed to withstand pressures up to 16 bar. All dimensions are specified in mm.



**RANGE** DNI0 (3/8")-DN20 (3/4")

SIZE	TABLE	FLANGE	PCD	BOLTS	BOLT	HOLE	THICKNESS	THICKNESS	THICKNESS
		DIAMETER			SIZE	SIZE	CAST IRON	CU ALLOY	STEEL
DNI0 (3/8")	BS4504-6	75mm	50mm	4	MI0	Hmm			
DNI0 (3/8")	BS4504-10	90mm	60mm	4	MIO	I4mm			
DNI0 (3/8")	BS4504-16	90mm	60mm	4	MI0	I4mm			
DNI0 (3/8")	BS4504-25	90mm	60mm	4	MIO	I4mm			
ONI0 (3/8")	BS4504-40	90mm	60mm	4	MIO	I4mm			
DNI0 (3/8")	BS4504-64	100mm	70mm	4	MIO	I4mm			
DNI0 (3/8")	BS4504-100	100mm	70mm	4	MI0	I4mm			
DNI0 (3/8")	JIS 5K	75mm	55mm	4	MI0	12mm			
DNI0 (3/8")	JIS 10K	90mm	65mm	4	MI4	15mm			
DNI0 (3/8")	JIS 16K	90mm	65mm	4	MI4	15mm			
DNI0 (3/8")	JIS 20K	90mm	65mm	4	MI4	15mm			
DNI0 (3/8")	JIS 30K	II0mm	75mm	4	MI6	19mm			
DNI0 (3/8")	JIS 40K	II0mm	75mm	4	MI6	19mm			
DNI5 (I/2")	ANSI 125/150	89mm	60mm	4	1/2"	16mm		8mm	Hmm
DNI5 (I/2")	ANSI 300	95mm	67mm	4	1/2"	16mm			I4mm
DNI5 (I/2")	ANSI 600	95mm	67mm	4	1/2"	16mm			I4mm
DNI5 (I/2")	ANSI 900	121mm	83mm	4	3/4"	22mm			22mm
DN15 (1/2")	ANSI 1500	121mm	83mm	4	3/4"	22mm			22mm
DN15 (1/2")	ANSI 2500	133mm	89mm	4	3/4"	22mm			30mm
DN15 (1/2")	BS10 Table D	95mm	67mm	4	MI2	14mm	13mm	6mm	10mm
DN15 (1/2")	BS10 Table E	95mm	67mm	4	MI2	14mm	13mm	6mm	10mm
	BS10 Table F	95mm	67mm	4	MI2	14mm 14mm		8mm	10mm
DNI5 (I/2")				4			13mm	10mm	
DNI5 (I/2")	BS10 Table H	II4mm	83mm		MI6	17mm	16mm		13mm
DNI5 (1/2")	BS10 Table J	II4mm	83mm	4	MI6	17mm		16mm	16mm
DN15 (1/2")	BS10 Table K	II4mm	83mm	4	MI6	17mm		19mm	19mm
DN15 (1/2")	BS10 Table R	115mm	83mm	4	MI6	I8mm			19mm
DN15 (1/2")	BS10 Table S	125mm	89mm	4	M20	22mm			22mm
DN15 (1/2")	BS10 Table T	I40mm	102mm	4	M20	22mm			25mm
DNI5 (I/2")	BS4504-6	80mm	55mm	4	MI0	Hmm	I2mm		I2mm
DNI5 (I/2")	BS4504-10	95mm	65mm	4	MI2	I4mm	I4mm		I4mm
DNI5 (I/2")	BS4504-16	95mm	65mm	4	MI2	I4mm	I4mm		I4mm
DN15 (1/2")	BS4504-25	95mm	65mm	4	MI2	I4mm	16mm	8mm	16mm
DNI5 (I/2")	BS4504-40	95mm	65mm	4	MI2	I4mm		9mm	16mm
DNI5 (I/2")	BS4504-64	105mm	75mm	4	MI2	I4mm			20mm
DNI5 (I/2")	BS4504-100	105mm	75mm	4	MI2	I4mm			20mm
DNI5 (I/2")	JIS 5K	80mm	60mm	4	MI0	I2mm	I2mm		9mm
DNI5 (I/2")	JIS 10K	95mm	70mm	4	MI4	15mm	16mm		12mm
DNI5 (I/2")	JIS 16K	95mm	70mm	4	MI4	15mm			12mm
DNI5 (I/2")	JIS 20K	95mm	70mm	4	MI4	15mm	16mm		I4mm
DNI5 (I/2")	JIS 30K	115mm	80mm	4	MI6	19mm			18mm
DNI5 (I/2")	JIS 40K	115mm	80mm	4	MI6	19mm			20mm
DNI5 (1/2")	JIS 63K	120mm	85mm	4	MI6	19mm			23mm
DN20 (3/4")	ANSI 125/150	98mm	70mm	4	1/2"	16mm		9mm	14mm
DN20 (3/4")	ANSI 300	117mm	83mm	4	5/8"	19mm		13mm	16mm
				4		19mm		1311111	
DN20 (3/4")	ANSI 600	117mm	83mm		5/8"				16mm
DN20 (3/4")	ANSI 900	130mm	89mm	4	3/4"	22mm			25mm
DN20 (3/4")	ANSI 1500	130mm	89mm	4	3/4"	22mm			25mm
DN20 (3/4")	ANSI 2500	140mm	95mm	4	3/4"	22mm			32mm
DN20 (3/4")	BS10 Table D	102mm	73mm	4	MI2	I4mm	13mm	6mm	10mm
DN20 (3/4")	BS10 Table E	I02mm	73mm	4	MI2	I4mm	I3mm	6mm	10mm
DN20 (3/4")	BS10 Table F	I02mm	73mm	4	MI2	I4mm	13mm	8mm	10mm
DN20 (3/4")	BS10 Table H	114mm	83mm	4	MI6	I7mm	16mm	10mm	13mm
DN20 (3/4")	BS10 Table J	II4mm	83mm	4	MI6	17mm		16mm	16mm
DN20 (3/4")	BS10 Table K	II4mm	83mm	4	MI6	17mm		19mm	19mm
DN20 (3/4")	BS10 Table R	114mm	83mm	4	MI6	I7mm			19mm
DN20 (3/4")	BS10 Table S	127mm	89mm	4	M20	22mm			22mm
DN20 (3/4")	BS10 Table T	140mm	102mm	4	M20	22mm			25mm
DN20 (3/4")	BS4504-6	90mm	65mm	4	MIO	Hmm	I4mm		14mm
DN20 (3/4")	BS4504-10	105mm	75mm	4	MI2	14mm	16mm		16mm
DN20 (3/4")	BS4504-16	105mm	75mm	4	MI2	I4mm	16mm	6mm	16mm
DN20 (3/4")	BS4504-25	105mm	75mm	4	MI2	I4mm	18mm	8mm	18mm
DN20 (3/4")	BS4504-40	105mm	75mm	4	MI2	I4mm	18mm	9mm	18mm
DN20 (3/4")	BS4504-64	130mm	90mm	4	MI6	18mm			22mm
DN20 (3/4")	BS4504-100	130mm	90mm	4	MI6	18mm			22mm
DN20 (3/4")	JIS 5K	85mm	65mm	4	MI0	12mm	14mm		10mm
DN20 (3/4") DN20 (3/4")			75mm	4	MI4		18mm		I4mm
\ /	JIS 10K	100mm		4		15mm	10111111		
DN20 (3/4")	JIS 16K	100mm	75mm		MI4	15mm	10		I4mm
DN20 (3/4")	JIS 20K	100mm	75mm	4	MI4	15mm	18mm		16mm
DN20 (3/4")	JIS 30K	120mm	85mm	4	MI6	19mm			18mm
DN20 (3/4")	JIS 40K	120mm	85mm	4	MI6	19mm			20mm
DN20 (3/4")	JIS 63K	135mm	95mm	4	M20	23mm			25mm

# FLANGE INFORMATION

**RANGE** DN25 (I")-DN32 (I I/4")

NSI 125/150 NSI 300 NSI 300 NSI 600 NSI 900 NSI 1500 NSI 1500 NSI 1500 SIO Table D SIO Table E SIO Table F SIO Table B SIO Table C SIO T SIO Table C SIO T S	DIAMETER  108mm  124mm  124mm  149mm  149mm  1159mm  114mm  121mm  121mm  121mm  127mm  127mm  145mm  115mm  115mm	79mm 89mm 89mm 102mm 102mm 108mm 83mm 87mm 87mm 97mm 102mm 108mm 95mm 95mm 95mm 108mm 85mm 85mm	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	SIZE 1/2" 5/8" 5/8" 7/8" 7/8" 7/8" M12 M12 M16 M16 M16 M16 M20 M20 M10 M12 M12 M10 M10 M10 M10 M12	SIZE 16mm 19mm 19mm 25mm 25mm 25mm 14mm 14mm 17mm 17mm 17mm 17mm 22mm 22mm 11mm	CAST IRON IImm I3mm I3mm I9mm	CU ALLOY 10mm 15mm  8mm 8mm 10mm 11mm 19mm 22mm	STEEL  11mm 17mm 17mm 29mm 29mm 41mm 10mm 10mm 10mm 14mm 22mm 25mm 25mm 29mm
NSI 300 NSI 600 NSI 900 NSI 900 NSI 1500 NSI 2500 SI0 Table D SI0 Table E SI0 Table F SI0 Table H SI0 Table B SI0 Table C SI0	108mm 124mm 124mm 149mm 149mm 159mm 114mm 121mm 121mm 127mm 127mm 140mm 145mm 115mm 115mm 115mm 115mm 115mm 115mm 115mm 1160mm	89mm 89mm 102mm 102mm 108mm 83mm 83mm 87mm 87mm 102mm 102mm 105mm 95mm 102mm 108mm 75mm 85mm 85mm	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1/2" 5/8" 5/8" 7/8" 7/8" M12 M12 M12 M16 M16 M16 M16 M16 M20 M10	16mm 19mm 19mm 25mm 25mm 25mm 14mm 14mm 17mm 17mm 17mm 17mm 17mm 17	IImm I3mm I3mm I3mm I9mm	8mm 8mm 10mm 11mm	11mm 17mm 17mm 29mm 29mm 41mm 10mm 10mm 10mm 14mm 22mm 22mm 22mm 22mm 25mm
NSI 300 NSI 600 NSI 900 NSI 900 NSI 1500 NSI 2500 SI0 Table D SI0 Table E SI0 Table F SI0 Table H SI0 Table B SI0 Table C SI0	124mm 124mm 149mm 149mm 159mm 114mm 121mm 121mm 127mm 127mm 140mm 145mm 115mm 115mm 115mm 115mm 115mm 115mm 115mm 115mm 115mm 1140mm	89mm 89mm 102mm 102mm 108mm 83mm 83mm 87mm 87mm 102mm 102mm 105mm 95mm 102mm 108mm 75mm 85mm 85mm	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	5/8" 5/8" 7/8" 7/8" 7/8" M12 M12 M16 M16 M16 M16 M10 M20 M20 M10	19mm 19mm 25mm 25mm 25mm 14mm 14mm 17mm 17mm 17mm 17mm 22mm 22mm 11mm	I3mm I3mm I3mm I9mm	8mm 8mm 10mm 11mm	17mm 17mm 29mm 29mm 41mm 10mm 10mm 10mm 22mm 22mm 22mm 22mm 2
NSI 600 NSI 900 NSI 1900 NSI 1500 NSI 2500 SI0 Table D SI0 Table E SI0 Table F SI0 Table H SI0 Table B SI0 Table B SI0 Table B SI0 Table B SI0 Table C	124mm 149mm 149mm 1159mm 114mm 114mm 121mm 121mm 127mm 127mm 140mm 145mm 115mm 115mm 115mm 115mm 115mm 115mm 115mm 1140mm	89mm 102mm 102mm 108mm 83mm 83mm 87mm 87mm 95mm 102mm 102mm 108mm 75mm 85mm 85mm	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	5/8" 7/8" 7/8" 7/8" M12 M12 M12 M16 M16 M16 M16 M16 M10 M20 M10	19mm 25mm 25mm 25mm 14mm 14mm 17mm 17mm 17mm 17mm 22mm 22mm	13mm 13mm 19mm	8mm 8mm IOmm IImm I9mm	17mm 29mm 29mm 41mm 10mm 10mm 10mm 29mm 22mm 22mm 25mm 29mm
NSI 900 NSI 1500 NSI 1500 SI0 Table D SI0 Table E SI0 Table E SI0 Table H SI0 Table H SI0 Table R SI0 Table R SI0 Table R SI0 Table R SI0 Table C SI0 Table S SI0 Table T S4504-16 S4504-25 S4504-16 S4504-40 S4504-40 S4504-64 S4504-100 S S K S I OK S I OK S I OK	149mm 149mm 159mm 114mm 114mm 121mm 121mm 121mm 127mm 127mm 140mm 145mm 115mm 115mm 115mm 115mm 115mm 115mm 1140mm	102mm 102mm 108mm 83mm 83mm 87mm 87mm 95mm 102mm 102mm 108mm 75mm 85mm 85mm	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	7/8" 7/8" 7/8" MI2 MI2 MI6 MI6 MI6 MI6 MI6 MI0 MI0 MI0	25mm 25mm 25mm 14mm 14mm 14mm 17mm 17mm 17mm 22mm 22mm 11mm	13mm 13mm 19mm	8mm 10mm 11mm 19mm	29mm 29mm 41mm 10mm 10mm 10mm 14mm 22mm 22mm 25mm 29mm
NSI 1500 NSI 2500 NSI 2500 SIO Table D SIO Table E SIO Table F SIO Table H SIO Table H SIO Table B SIO Table B SIO Table B SIO Table S SIO Table C S4504-16 S4504-10 S4504-64 S4504-100 S5 SK S IOK S IOK	149mm 1159mm 114mm 114mm 121mm 121mm 121mm 127mm 127mm 140mm 145mm 115mm 115mm 115mm 115mm 115mm 116mm 1140mm	102mm 108mm 83mm 83mm 87mm 87mm 95mm 102mm 108mm 75mm 85mm 85mm	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	7/8" 7/8" M12 M12 M16 M16 M16 M16 M16 M20 M20 M10	25mm 25mm 14mm 14mm 17mm 17mm 17mm 22mm 22mm 11mm	13mm 13mm 19mm	8mm 10mm 11mm 19mm	29mm 41mm 10mm 10mm 10mm 14mm 19mm 22mm 25mm 29mm
NSI 2500 S10 Table D S10 Table E S10 Table E S10 Table F S10 Table H S10 Table H S10 Table J S10 Table S S10 Table R S10 Table R S10 Table B S10 Table C S4504-6 S4504-10 S4504-16 S4504-40 S4504-40 S4504-10 S5 SK S1 OK S1 OK	159mm 114mm 114mm 121mm 121mm 121mm 127mm 127mm 140mm 145mm 100mm 115mm 115mm 115mm 115mm 115mm 115mm 115mm	108mm 83mm 83mm 87mm 87mm 95mm 95mm 102mm 108mm 75mm 85mm 85mm	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	7/8" MI2 MI2 MI2 MI6 MI6 MI6 MI6 MI6 M20 M20 M10	25mm 14mm 14mm 14mm 17mm 17mm 17mm 22mm 22mm 11mm	13mm 13mm 19mm	8mm 10mm 11mm 19mm	41mm 10mm 10mm 10mm 14mm 19mm 22mm 25mm 25mm
SIO Table D SIO Table E SIO Table F SIO Table F SIO Table H SIO Table H SIO Table J SIO Table K SIO Table R SIO Table R SIO Table C SIO Ta	114mm 114mm 121mm 121mm 121mm 127mm 127mm 140mm 145mm 100mm 115mm 115mm 115mm 115mm 115mm 115mm 115mm 115mm 1140mm	83mm 83mm 87mm 87mm 95mm 95mm 102mm 108mm 75mm 85mm 85mm	4 4 4 4 4 4 4 4 4 4 4 4 4	M12 M12 M12 M16 M16 M16 M16 M20 M20 M10	14mm 14mm 14mm 17mm 17mm 17mm 17mm 22mm 22mm	13mm 13mm 19mm	8mm 10mm 11mm 19mm	10mm 10mm 10mm 14mm 19mm 22mm 22mm 25mm 29mm
S10 Table E S10 Table F S10 Table H S10 Table H S10 Table H S10 Table K S10 Table K S10 Table R S10 Table R S10 Table T S4504-6 S4504-10 S4504-16 S4504-25 S4504-40 S4504-40 S4504-100 S5 SK S 1 0K S 1 16K	114mm 121mm 121mm 121mm 127mm 127mm 140mm 145mm 100mm 115mm 115mm 115mm 115mm 115mm 1140mm 140mm	83mm 87mm 87mm 95mm 95mm 102mm 108mm 75mm 85mm 85mm	4 4 4 4 4 4 4 4 4 4 4 4 4	M12 M16 M16 M16 M16 M16 M20 M20 M10	14mm 14mm 17mm 17mm 17mm 17mm 22mm 22mm	13mm 13mm 19mm	8mm 10mm 11mm 19mm	10mm 10mm 14mm 19mm 22mm 22mm 25mm 29mm
SIO Table F SIO Table H SIO Table H SIO Table J SIO Table K SIO Table R SIO Table R SIO Table S SIO Table S SIO Table T S4504-6 S4504-10 S4504-16 S4504-25 S4504-64 S4504-100 S55 K S SIO SK SIOK SIOK	121mm 121mm 121mm 127mm 127mm 140mm 145mm 100mm 115mm 115mm 115mm 115mm 115mm 115mm	87mm 87mm 87mm 95mm 95mm 102mm 108mm 75mm 85mm 85mm	4 4 4 4 4 4 4 4 4	M12 M16 M16 M16 M16 M20 M20 M10	14mm 17mm 17mm 17mm 17mm 22mm 22mm	13mm 19mm	10mm 11mm 19mm	10mm 14mm 19mm 22mm 22mm 25mm 29mm
SIO Table H SIO Table J SIO Table J SIO Table K SIO Table R SIO Table R SIO Table S SIO Table T S4504-6 S4504-10 S4504-16 S4504-40 S4504-40 S4504-10 S5 K S6504-100 S5 K S6504-100 S S K S I OK	121mm 121mm 127mm 127mm 140mm 145mm 100mm 115mm 115mm 115mm 115mm 115mm 115mm 115mm	87mm 87mm 95mm 95mm 102mm 108mm 75mm 85mm 85mm 85mm	4 4 4 4 4 4 4 4	M16 M16 M16 M16 M20 M20 M10	17mm 17mm 17mm 17mm 22mm 22mm	19mm	IImm I9mm	14mm 19mm 22mm 22mm 25mm 29mm
S10 Table J S10 Table K S10 Table R S10 Table S S10 Table T S4504-10 S4504-16 S4504-25 S4504-40 S4504-40 S4504-64 S4504-100 S S K	121mm 127mm 127mm 140mm 145mm 100mm 115mm 115mm 115mm 115mm 140mm	87mm 95mm 95mm 102mm 108mm 75mm 85mm 85mm 85mm	4 4 4 4 4 4 4 4	M16 M16 M16 M20 M20 M10	17mm 17mm 17mm 22mm 22mm 11mm		19mm	19mm 22mm 22mm 25mm 29mm
SIO Table K SIO Table R SIO Table S SIO Table S SIO Table T S4504-6 S4504-10 S4504-16 S4504-25 S4504-64 S4504-60 S 5 5 K S 10K	127mm 127mm 140mm 145mm 100mm 115mm 115mm 115mm 115mm 1140mm	95mm 95mm 102mm 108mm 75mm 85mm 85mm 85mm	4 4 4 4 4 4	M16 M16 M20 M20 M10	17mm 17mm 22mm 22mm 11mm	14mm		22mm 22mm 25mm 29mm
SIO Table R SIO Table S SIO Table S SIO Table T S4504-6 S4504-10 S4504-16 S4504-25 S4504-25 S4504-64 S4504-100 S5 SK S IOK S IOK	127mm 140mm 145mm 100mm 115mm 115mm 115mm 115mm 1140mm	95mm 102mm 108mm 75mm 85mm 85mm 85mm	4 4 4 4	M16 M20 M20 M10	17mm 22mm 22mm 11mm	14mm	22mm	22mm 25mm 29mm
SIO Table S SIO Table T S4504-6 S4504-10 S4504-16 S4504-25 S4504-40 S4504-64 S4504-100 S S K S I IOK	140mm 145mm 100mm 115mm 115mm 115mm 140mm	102mm 108mm 75mm 85mm 85mm 85mm	4 4 4 4	M20 M20 M10	22mm 22mm IImm	14mm		25mm 29mm
S10 Table T \$4504-6 \$4504-10 \$4504-16 \$4504-16 \$4504-25 \$4504-40 \$4504-64 \$4504-100 \$ 5 K \$ 1 10K	145mm 100mm 115mm 115mm 115mm 115mm 140mm	108mm 75mm 85mm 85mm 85mm	4 4 4 4	M20 M10	22mm IImm	14mm		29mm
S4504-6 S4504-10 S4504-16 S4504-25 S4504-25 S4504-64 S4504-64 S 5 5 K S 10K	100mm 115mm 115mm 115mm 115mm 140mm	75mm 85mm 85mm 85mm 85mm	4 4 4	MI0	Hmm	14mm		
S4504-10 S4504-16 S4504-25 S4504-20 S4504-64 S4504-64 S64504-100 S 5K S 10K	115mm 115mm 115mm 115mm 140mm	85mm 85mm 85mm	4			I4mm		
S4504-16 S4504-25 S4504-40 S4504-64 S4504-100 S 5 5K S 10K	115mm 115mm 115mm 140mm 140mm	85mm 85mm 85mm	4	MI2				I4mm
S4504-25 S4504-40 S4504-64 S4504-100 S 5K S 10K S 16K	115mm 115mm 140mm 140mm	85mm 85mm			I4mm	16mm		I4mm
S4504-40 S4504-64 S4504-100 S 5K S 10K S 16K	115mm 140mm 140mm	85mm	4	MI2	I4mm	16mm	8mm	18mm
S4504-64 S4504-100 S 5K S 10K S 16K	140mm 140mm		4	MI2	I4mm	18mm	9mm	18mm
S4504-100 S 5K S 10K S 16K	I40mm		4	MI2	I4mm		Hmm	18mm
S 5K S 10K S 16K		100mm	4	MI6	18mm			24mm
S 10K S 16K	95mm	100mm	4	MI6	18mm			24mm
S 16K		75mm	4	MI0	I2mm	I4mm		10mm
S 16K	125mm	90mm	4	MI6	19mm	18mm		14mm
	125mm	90mm	4	MI6	19mm			14mm
	125mm	90mm	4	MI6	19mm	20mm		16mm
S 30K	130mm	95mm	4	MI6	19mm			20mm
S 40K	130mm	95mm	4	M16	19mm			22mm
S 63K	I40mm	100mm	4	M20	23mm			27mm
NSI 125/150	117mm	89mm	4	1/2"	16mm	13mm	10mm	13mm
NSI 300	133mm	98mm	4	5/8"	19mm	1311111	16mm	19mm
NSI 600	133mm	98mm	4	5/8"	19mm		TOTTITI	21mm
NSI 900	159mm	IIImm	4	7/8"	25mm			29mm
NSI 1500	159mm	IIImm	4	7/8"	25mm			29mm
	184mm		4	//8  "				
NSI 2500		130mm			29mm	17	0	44mm
S10 Table D	121mm	87mm	4	MI2	I4mm	16mm	8mm	13mm
S10 Table E	I2Imm	87mm		MI2	I4mm	16mm	8mm	13mm
SIO Table F	133mm	98mm	4	MI6	I7mm	16mm	10mm	I3mm
						22mm		17mm
								19mm
							22mm	22mm
								22mm
								29mm
								32mm
S4504-6								16mm
S4504-10	I40mm	100mm	4	MI6	18mm	18mm		16mm
S4504-16	140mm	100mm	4	MI6	18mm	18mm	8mm	18mm
S4504-25	I40mm	100mm	4	MI6	18mm	20mm	9mm	18mm
S4504-40	140mm	100mm	4	MI6	18mm		IImm	18mm
S4504-64	155mm	II0mm	4	M20	22mm			26mm
S4504-100	155mm	II0mm	4	M20	22mm			26mm
S 5K	115mm	90mm	4	MI2	15mm	16mm		I2mm
S 10K			4			20mm		16mm
S 16K			4					16mm
S 20K			4			20mm		18mm
						20		22mm
								24mm
S 30K	TUIIIII							30mm
	4504-10 4504-16 4504-25 4504-40 4504-64 4504-100 5K 10K 16K 20K	10 Table	10 Table   133mm   98mm   98mm   10 Table K   133mm   98mm   98mm   10 Table R   133mm   98mm   10 Table R   133mm   98mm   10 Table S   146mm   108mm   121mm   150mm   121mm   150mm   150mm   150mm   150mm   150mm   150mm   150mm   150mm   150mm   155mm   110mm   150mm   150mm   155mm   110mm   150mm   155mm   100mm   155mm   100mm   16K   135mm   100mm   16K   135mm   100mm   16K   135mm   100mm   150mm   100mm   16K   135mm   100mm   100	10 Table   133mm	10 Table   133mm	10 Table   133mm	10 Table   133mm	10 Table   133mm



**RANGE** DN40 (I I/2")-DN65 (2 I/2")

SIZE	TABLE	FLANGE	PCD	BOLTS	BOLT	HOLE	THICKNESS	THICKNESS	THICKNES
		DIAMETER			SIZE	SIZE	CAST IRON	CU ALLOY	STEEL
DN40 (1 1/2")	ANSI 125/150	127mm	98mm	4	1/2"	I6mm	I4mm	Hmm	14mm
DN40 (1 1/2")	ANSI 300	156mm	114mm	4	3/4"	22mm		17mm	21mm
DN40 (1 1/2")	ANSI 600	156mm	II4mm	4	3/4"	22mm			22mm
DN40 (1 1/2")	ANSI 900	178mm	I24mm	4	1"	29mm			32mm
DN40 (1 1/2")	ANSI 1500	178mm	I24mm	4	1"	29mm			32mm
DN40 (1 1/2")	ANSI 2500	203mm	I46mm	4	1"	32mm			51mm
DN40 (1 1/2")	BS10 Table D	133mm	98mm	4	MI2	I4mm	16mm	10mm	13mm
DN40 (1 1/2")	BS10 Table E	133mm	98mm	4	MI2	I4mm	16mm	10mm	13mm
DN40 (1 1/2")	BS10 Table F	I40mm	105mm	4	MI6	17mm	16mm	Hmm	13mm
DN40 (I I/2")	BS10 Table H	I40mm	105mm	4	MI6	17mm	22mm	I3mm	17mm
DN40 (1 1/2")	BS10 Table J	I40mm	105mm	4	MI6	17mm		22mm	22mm
DN40 (1 1/2")	BS10 Table K	I52mm	II4mm	4	M20	22mm		25mm	25mm
DN40 (1 1/2")	BS10 Table R	152mm	II4mm	4	M20	22mm			25mm
DN40 (1 1/2")	BS10 Table S	159mm	121mm	4	M20	22mm			29mm
DN40 (1 1/2")	BSI0 Table T	170mm	133mm	8	M20	22mm			35mm
N40 (1 1/2")	BS4504-6	130mm	100mm	4	MI2	14mm	16mm		I6mm
DN40 (1 1/2")	BS4504-10	150mm	110mm	4	MI6	18mm	18mm		16mm
N40 (1 1/2")	BS4504-16	150mm	110mm	4	MI6	18mm	18mm	9mm	18mm
DN40 (1 1/2")	BS4504-25	150mm	110mm	4	MI6	18mm	20mm	Hmm	18mm
N40 (1 1/2")	BS4504-40	150mm	110mm	4	MI6	18mm	20111111	13mm	18mm
N40 (1 1/2")	BS4504-64	170mm	125mm	4	M20	22mm		1311111	28mm
N40 (1 1/2")	BS4504-100	170mm	125mm	4	M20	22mm			28mm
N40 (1 1/2")	IIS 5K	120mm	95mm	4	MI2	15mm	16mm		12mm
N40 (1 1/2")	JIS 10K	140mm	105mm	4	MI6	19mm	20mm		16mm
N40 (1 1/2")	JIS 16K	140mm	105mm	4	MI6	19mm	ZUMM		16mm
DN40 (1 1/2 )	IIS 20K	140mm	105mm	4	MI6	19mm	22mm		18mm
\ /	,			4			ZZMM		
DN40 (1 1/2")	JIS 30K	160mm	120mm		M20	23mm			22mm
N40 (1 1/2")	JIS 40K	160mm	120mm	4	M20	23mm			24mm
N40 (1 1/2")	JIS 63K	175mm	130mm	4	M22	25mm			32mm
N50 (2")	ANSI 125/150	152mm	121mm	4	5/8"	19mm	16mm	13mm	16mm
N50 (2")	ANSI 300	165mm	I27mm	8	5/8"	19mm		19mm	22mm
DN50 (2")	ANSI 600	165mm	I27mm	8	5/8"	19mm			25mm
N50 (2")	ANSI 900	216mm	165mm	8	7/8"	25mm			38mm
DN50 (2")	ANSI 1500	216mm	165mm	8	7/8"	25mm			38mm
DN50 (2")	ANSI 2500	235mm	171mm	8	1"	29mm			57mm
N50 (2")	BS10 Table D	I52mm	II4mm	4	MI6	17mm	17mm	10mm	I4mm
N50 (2")	BS10 Table E	I52mm	II4mm	4	MI6	17mm	19mm	10mm	I4mm
DN50 (2")	BS10 Table F	165mm	I27mm	4	MI6	17mm	19mm	Hmm	16mm
N50 (2")	BS10 Table H	165mm	I27mm	4	MI6	17mm	25mm	13mm	19mm
DN50 (2")	BS10 Table J	165mm	I27mm	4	M20	22mm		25mm	25mm
N50 (2")	BS10 Table K	165mm	I27mm	8	MI6	17mm		25mm	25mm
DN50 (2")	BS10 Table R	165mm	I27mm	8	MI6	17mm			25mm
DN50 (2")	BS10 Table S	I72mm	133mm	8	M20	22mm			25mm
DN50 (2")	BS10 Table T	185mm	I46mm	8	M20	22mm			25mm
DN50 (2")	BS4504-6	I40mm	II0mm	4	MI2	I4mm	16mm		32mm
DN50 (2")	BS4504-10	165mm	I25mm	4	MI6	18mm	20mm		35mm
N50 (2")	BS4504-16	165mm	125mm	4	MI6	18mm	20mm	Hmm	20mm
DN50 (2")	BS4504-25	165mm	125mm	4	MI6	18mm	22mm	Hmm	20mm
ON50 (2")	BS4504-40	165mm	125mm	4	MI6	18mm		13mm	20mm
DN50 (2")	BS4504-64	180mm	135mm	4	M20	22mm			26mm
N50 (2")	BS4504-100	195mm	145mm	4	M24	26mm			30mm
N50 (2")	JIS 5K	130mm	105mm	4	MI4	15mm	16mm		14mm
N50 (2")	JIS 10K	155mm	120mm	4	MI6	19mm	20mm		16mm
N50 (2")	JIS 16K	155mm	120mm	8	MI6	19mm	20mm		16mm
N50 (2")	JIS 20K	155mm	120mm	8	MI6	19mm	22mm		18mm
DN50 (2")	JIS 30K	165mm	130mm	8	MI6	19mm	ZZ111111		22mm
N50 (2 )	IIS 40K	165mm	130mm	8	MI6	19mm 19mm			26mm
DN50 (2")	JIS 63K	185mm	I45mm	8	M20	23mm			34mm

# FLANGE INFORMATION

**RANGE** DN65 (2 I/2")-DN90 (3 I/2")

SIZE	TABLE	FLANGE	PCD	BOLTS	BOLT	HOLE	THICKNESS	THICKNESS	THICKNESS
		DIAMETER			SIZE	SIZE	CAST IRON	CU ALLOY	STEEL
N65 (2 I/2")	ANSI 125/150	178mm	I40mm	4	5/8"	19mm	17mm	14mm	17mm
N65 (2 1/2")	ANSI 125/150	178mm	140mm	4	5/8"	19mm	17mm	14mm	17mm
N65 (2 1/2")	ANSI 300	191mm	149mm	8	3/4"	22mm	17111111	21mm	25mm
	ANSI 600	191mm	149mm	8	3/4"	22mm		21111111	29mm
DN65 (2 1/2")									
DN65 (2 1/2")	ANSI 900	244mm	191mm	8	1"	29mm			41mm
DN65 (2 I/2")	ANSI 1500	244mm	191mm	8	1"	29mm			41mm
DN65 (2 1/2")	ANSI 2500	267mm	197mm	8	1"	32mm			64mm
DN65 (2 1/2")	BS10 Table D	165mm	I27mm	4	MI6	17mm	17mm	Hmm	I4mm
DN65 (2 1/2")	BS10 Table E	I65mm	I27mm	4	MI6	17mm	19mm	Hmm	I4mm
DN65 (2 1/2")	BS10 Table F	184mm	146mm	8	MI6	17mm	19mm	13mm	16mm
DN65 (2 1/2")	BS10 Table H	184mm	146mm	8	MI6	17mm	25mm	I4mm	19mm
DN65 (2 1/2")	BS10 Table J	184mm	146mm	8	M20	22mm		25mm	25mm
DN65 (2 1/2")	BS10 Table K	184mm	I46mm	8	M20	22mm		29mm	29mm
DN65 (2 1/2")	BS10 Table R	184mm	I46mm	8	M20	22mm		2711111	29mm
DN65 (2 1/2")	BS10 Table S	184mm	I46mm	8	M20	22mm			32mm
				8					
DN65 (2 1/2")	BS10 Table T	205mm	165mm		M24	26mm			4Imm
DN65 (2 1/2")	BS4504-6	160mm	130mm	4	MI2	I4mm	16mm		16mm
DN65 (2 1/2")	BS4504-10	185mm	I45mm	4	MI6	18mm	20mm		20mm
DN65 (2 1/2")	BS4504-16	185mm	145mm	4	MI6	18mm	20mm	13mm	18mm
N65 (2 1/2")	BS4504-25	185mm	145mm	8	MI6	18mm	24mm	13mm	22mm
N65 (2 1/2")	BS4504-40	185mm	145mm	8	MI6	18mm		I4mm	22mm
N65 (2 1/2")	BS4504-64	205mm	160mm	8	M20	22mm			26mm
N65 (2 1/2")	BS4504-100	220mm	170mm	8	M24	26mm			34mm
N65 (2 1/2")	JIS 5K	155mm	130mm	4	MI4	15mm	18mm		14mm
DN65 (2 1/2")	JIS 10K	175mm	140mm	4	MI6	19mm	22mm		18mm
DN65 (2 1/2")	JIS 16K	175mm	I40mm	8	M16	19mm	22mm		18mm
DN65 (2 1/2")	JIS 20K	175mm	I40mm	8	MI6	19mm	24mm		20mm
DN65 (2 1/2")	JIS 30K	200mm	160mm	8	M20	23mm			26mm
DN65 (2 1/2")	JIS 40K	200mm	160mm	8	M20	23mm			30mm
N65 (2 1/2")	JIS 63K	220mm	175mm	8	M22	25mm			38mm
DN80 (3")	ANSI 125/150	191mm	152mm	4	5/8"	19mm	19mm	16mm	19mm
N80 (3")	ANSI 300	210mm	168mm	8	3/4"	22mm		23mm	29mm
N80 (3")	ANSI 600	210mm	168mm	8	3/4"	22mm		2311111	32mm
N80 (3")	ANSI 900	24Imm	191mm	8	7/8"	25mm			38mm
DN80 (3")	ANSI 1500	267mm	203mm	8	1 1/8"	32mm			48mm
DN80 (3")	ANSI 2500	305mm	229mm	8	1 1/4"	35mm			73mm
DN80 (3")	BS10 Table D	184mm	I46mm	4	MI6	17mm	19mm	13mm	I4mm
DN80 (3")	BS10 Table E	184mm	I46mm	4	MI6	17mm	19mm	13mm	I4mm
DN80 (3")	BS10 Table F	203mm	165mm	8	MI6	I7mm	19mm	14mm	16mm
DN80 (3")	BS10 Table H	203mm	165mm	8	MI6	I7mm	29mm	16mm	22mm
DN80 (3")	BS10 Table J	203mm	165mm	8	M20	22mm	2711111	32mm	32mm
DN80 (3")	BS10 Table K	203mm	165mm	8	M20	22mm		32mm	32mm
								32111111	
DN80 (3")	BS10 Table R	203mm	165mm	8	M20	22mm			32mm
DN80 (3")	BS10 Table S	203mm	165mm	8	M24	26mm			35mm
DN80 (3")	BS10 Table T	235mm	191mm	8	M27	30mm			48mm
DN80 (3")	BS4504-6	190mm	150mm	4	MI6	18mm	18mm		I8mm
DN80 (3")	BS4504-10	200mm	160mm	8	MI6	18mm	22mm		20mm
DN80 (3")	BS4504-16	200mm	160mm	8	MI6	18mm	22mm	13mm	20mm
N80 (3")	BS4504-25	200mm	160mm	8	MI6	18mm	26mm	I4mm	24mm
N80 (3")	BS4504-40	200mm	160mm	8	MI6	18mm	2011111	16mm	24mm
								10111111	
N80 (3")	BS4504-64	215mm	170mm	8	M20	22mm			28mm
N80 (3")	BS4504-100	230mm	180mm	8	M24	26mm			36mm
DN80 (3")	JIS 5K	180mm	145mm	4	MI6	19mm	18mm		14mm
DN80 (3")	JIS 10K	185mm	150mm	8	MI6	19mm	22mm		18mm
N80 (3")	JIS 16K	200mm	160mm	8	M20	23mm	24mm		20mm
N80 (3")	JIS 20K	200mm	160mm	8	M20	23mm	26mm		22mm
N80 (3")	JIS 30K	210mm	170mm	8	M20	23mm			28mm
N80 (3")	JIS 40K	210mm	170mm	8	M20	23mm			32mm
N80 (3")				8	M22				
	JIS 63K	230mm	185mm			25mm			40mm
N90 (3 1/2")	ANSI 125/150	216mm	178mm	8	5/8"	19mm			24mm
DN90 (3 1/2")	ANSI 300	229mm	184mm	8	3/4"	22mm			30mm
DN90 (3 1/2")	ANSI 600	229mm	184mm	8	7/8"	25mm			35mm
N90 (3 1/2")	BS10 Table D	205mm	165mm	4	MI6	18mm	19mm		10mm
N90 (3 1/2")	BS10 Table E	205mm	165mm	4	MI6	18mm	19mm		12mm
N90 (3 1/2")	BS10 Table F	215mm	178mm	8	MI6	18mm	22mm		19mm
N90 (3 1/2")	BS10 Table H	215mm	178mm	8	MI6	18mm	29mm		22mm
		215mm	178mm	8	M20	22mm	2711/111		32mm
N90 (3 1/2")	BS10 Table J								
N90 (3 1/2")	BS10 Table K	230mm	184mm	8	M24	26mm			32mm
N90 (3 I/2")	BS10 Table R	230mm	184mm	8	M24	26mm			32mm
N90 (3 1/2")	BS10 Table S	230mm	191mm	8	M24	26mm			38mm
N90 (3 1/2")	BS10 Table T	265mm	216mm	8	M30	33mm			54mm
N90 (3 1/2")	JIS 5K	190mm	155mm	4	MI6	19mm	18mm		I4mm
N90 (3 1/2")	JIS 10K	195mm	160mm	8	MI6	19mm	22mm		18mm
				8					
N90 (3 1/2")	JIS 16K	210mm	170mm		M20	23mm	24mm		20mm
N90 (3 1/2")	JIS 20K	210mm	170mm	8	M20	23mm	28mm		24mm
N90 (3 1/2")	JIS 30K	230mm	185mm	8	M22	25mm			30mm
N90 (3 1/2")	JIS 40K	230mm	185mm	8	M22	25mm			34mm
		255mm	205mm	8	M24	27mm			42mm
DN90 (3 1/2")	JIS 63K								



**RANGE** DNI00 (4")-DNI50 (6")

SIZE	TABLE	FLANGE	PCD	BOLTS	BOLT	HOLE	THICKNESS	THICKNESS	THICKNESS
		DIAMETER			SIZE	SIZE	CAST IRON	CU ALLOY	STEEL
ON100 (4")	ANSI 125/150	229mm	191mm	8	5/8"	19mm	24mm	17mm	24mm
DNI00 (4")	ANSI 300	254mm	200mm	8	3/4"	22mm		27mm	32mm
ONI00 (4")	ANSI 600	273mm	216mm	8	7/8"	25mm			38mm
DNI00 (4")	ANSI 900	292mm	235mm	8	1 1/8"	32mm			44mm
DN100 (4")	ANSI 1500	311mm	241mm	8	1 1/4"	35mm			54mm
DNI00 (4")	ANSI 2500	356mm	273mm	8	1 1/2"	41mm			83mm
DNI00 (4")	BS10 Table D	216mm	178mm	4	MI6	17mm	19mm	16mm	17mm
DNI00 (4")	BS10 Table E	216mm	178mm	8	MI6	17mm	22mm	16mm	17mm
DNI00 (4")	BS10 Table F	229mm	191mm	8	MI6	17mm	22mm	17mm	19mm
DNI00 (4")	BS10 Table H	229mm	191mm	8	MI6	17mm	32mm	19mm	25mm
DN100 (4")	BSI0 Table I	229mm	191mm	8	M20	22mm	5211111	35mm	35mm
DN100 (4")	BS10 Table K	241mm	197mm	8	M22	25mm		35mm	35mm
DN100 (4")	BS10 Table R	24Imm	197mm	8	M22	25mm		3311111	35mm
DN100 (4")	BS10 Table S	250mm	203mm	8	M27	29mm			41mm
DN100 (4")	BS10 Table T	285mm	235mm	8	M30	33mm			57mm
DN100 (4")	BS4504-6	210mm	170mm	4	M16	18mm	18mm		18mm
DN100 (4")	BS4504-10	220mm	180mm	8	MI6	18mm	24mm		20mm
	BS4504-10	220mm 220mm	180mm	8	MI6		24mm 24mm	16mm	20mm 20mm
DNI00 (4")	BS4504-16 BS4504-25			8		18mm 22mm	24mm 28mm		
DNI00 (4") DNI00 (4")	BS4504-25 BS4504-40	235mm 235mm	190mm 190mm	8	M20 M20	22mm 22mm	28mm	17mm 19mm	24mm 24mm
								19mm	
DNI00 (4")	BS4504-64	250mm	200mm	8	M24	26mm			30mm
DN100 (4")	BS4504-100	265mm	210mm	8	M27	30mm	20		40mm
DN100 (4")	JIS 5K	200mm	165mm	8	MI6	19mm	20mm		16mm
DN100 (4")	JIS 10K	210mm	175mm	8	MI6	19mm	24mm		18mm
DN100 (4")	JIS 16K	225mm	185mm	8	M20	23mm	26mm		22mm
DN100 (4")	JIS 20K	225mm	185mm	8	M20	23mm	28mm		24mm
DN100 (4")	JIS 30K	240mm	195mm	8	M22	25mm			32mm
DN100 (4")	JIS 40K	250mm	205mm	8	M22	25mm			36mm
DN100 (4")	JIS 63K	270mm	220mm	8	M24	27mm			44mm
DN125 (5")	ANSI 125/150	254mm	216mm	8	3/4"	22mm	24mm	19mm	24mm
DN125 (5")	ANSI 300	279mm	235mm	8	3/4"	22mm		29mm	35mm
DN125 (5")	ANSI 600	330mm	267mm	8	1"	29mm			44mm
DN125 (5")	ANSI 900	349mm	279mm	8	1 1/4"	35mm			51mm
DN125 (5")	ANSI 1500	375mm	292mm	8	1 1/2"	41mm			73mm
DN125 (5")	ANSI 2500	419mm	324mm	8	1 3/4"	48mm			98mm
DN125 (5")	BS10 Table D	254mm	210mm	8	MI6	17mm	21mm	I7mm	17mm
DN125 (5")	BS10 Table E	254mm	210mm	8	MI6	17mm	22mm	I7mm	17mm
DN125 (5")	BS10 Table F	279mm	235mm	8	M20	22mm	25mm	19mm	22mm
DNI25 (5")	BS10 Table H	279mm	235mm	8	M20	22mm	35mm	22mm	29mm
DNI25 (5")	BS10 Table J	279mm	235mm	8	M24	25mm		38mm	38mm
DNI25 (5")	BS10 Table K	279mm	235mm	12	M24	25mm		41mm	41mm
DNI25 (5")	BS10 Table R	279mm	235mm	12	M24	25mm			41mm
DN125 (5")	BS10 Table S	286mm	235mm	12	M24	25mm			44mm
DN125 (5")	BS10 Table T	325mm	273mm	12	M30	33mm			67mm
DN125 (5")	BS4504-6	240mm	200mm	8	MI6	18mm	20mm		20mm
DN125 (5")	BS4504-10	250mm	210mm	8	MI6	18mm	26mm		22mm
DN125 (5")	BS4504-16	250mm	210mm	8	MI6	18mm	26mm		22mm
DN125 (5")	BS4504-25	270mm	220mm	8	M24	26mm	30mm		26mm
DN125 (5")	BS4504-40	270mm	220mm	8	M24	26mm			26mm
DN125 (5")	BS4504-64	295mm	240mm	8	M27	30mm			34mm
DN125 (5")	BS4504-100	315mm	250mm	8	M30	33mm			40mm
DNI25 (5")	JIS 5K	235mm	200mm	8	M16	19mm	20mm		16mm
DNI25 (5")	JIS 10K	250mm	210mm	8	M20	23mm	24mm		20mm
DNI25 (5")	JIS 16K	270mm	225mm	8	M24	25mm	26mm		22mm
DN125 (5 ) DN125 (5")	JIS 16K	270mm 270mm	225mm 225mm	8	M24	25mm 25mm	30mm		26mm
		270mm 275mm	230mm		M24 M24		30111111		36mm
DNI25 (5")	JIS 30K	300mm	250mm	8	M24 M24	25mm 27mm			40mm
DNI25 (5")	JIS 40K								
DNI25 (5")	JIS 63K	325mm	265mm	8	M30	33mm			50mm

# FLANGE INFORMATION

**RANGE** DNI50 (6")-DN200 (8")

SIZE	TABLE	FLANGE	PCD	BOLTS	BOLT	HOLE	THICKNESS	THICKNESS	THICKNESS
		DIAMETER			SIZE	SIZE	CAST IRON	CU ALLOY	STEEL
N150 (6")	ANSI 125/150	279mm	241mm	8	3/4"	22mm	25mm	21mm	25mm
N150 (6")	ANSI 125/150	279mm	241mm	8	3/4"	22mm	25mm	2Imm	25mm
DN150 (6")	ANSI 300	318mm	270mm	12	3/4"	22mm	2311111	30mm	37mm
DN150 (6")	ANSI 600	356mm	292mm	12	3/ <del>4</del>  "	29mm		30111111	48mm
\ /					-				
DN150 (6")	ANSI 900	381mm	318mm	12	1 1/8"	32mm			56mm
DN150 (6")	ANSI 1500	394mm	318mm	12	1 3/8"	38mm			83mm
DN150 (6")	ANSI 2500	483mm	368mm	8	2"	54mm			II4mm
DN150 (6")	BS10 Table D	279mm	235mm	8	MI6	17mm	21mm	17mm	17mm
DN150 (6")	BS10 Table E	279mm	235mm	8	M20	22mm	22mm	17mm	17mm
DN 150 (6")	BS10 Table F	305mm	260mm	12	M20	22mm	25mm	22mm	22mm
DN150 (6")	BS10 Table H	305mm	260mm	12	M20	22mm	35mm	25mm	29mm
DNI50 (6")	BS10 Table J	305mm	260mm	12	M22	25mm		38mm	38mm
DNI50 (6")	BS10 Table K	305mm	260mm	12	M22	25mm		4Imm	41mm
DNI50 (6")	BS10 Table R	305mm	260mm	12	M22	25mm			44mm
DNI50 (6")	BS10 Table S	324mm	273mm	12	M24	27mm			51mm
DNI50 (6")	BS10 Table T	375mm	318mm	12	M33	36mm			73mm
DNI50 (6")	BS4504-6	265mm	225mm	8	M16	18mm	20mm		20mm
NI50 (6")	BS4504-10	285mm	240mm	8	M20	22mm	26mm		22mm
NI50 (6")	BS4504-16	285mm	240mm	8	M20	22mm	26mm		22mm
DNI50 (6")	BS4504-25	300mm	250mm	8	M24	26mm	34mm		28mm
	BS4504-40	300mm	250mm	8	M24	26mm	ווווודכ		28mm
ONI50 (6")	BS4504-64	345mm	280mm	8	M30	33mm			
DN150 (6")				12					36mm
DN150 (6")	BS4504-100	355mm	290mm		M30	33mm	22		44mm
DN150 (6")	JIS 5K	265mm	230mm	8	M16	19mm	22mm		I8mm
DN150 (6")	JIS 10K	280mm	240mm	8	M20	23mm	26mm		22mm
DN150 (6")	JIS 16K	305mm	260mm	12	M24	25mm	28mm		24mm
DN150 (6")	JIS 20K	305mm	260mm	12	M24	25mm	32mm		28mm
DN150 (6")	JIS 30K	325mm	275mm	12	M25	27mm			38mm
DN150 (6")	JIS 40K	355mm	295mm	12	M30	33mm			44mm
DN150 (6")	JIS 63K	365mm	305mm	12	M30	33mm			54mm
DN200 (8")	ANSI 125/150	343mm	298mm	8	3/4"	22mm	29mm	24mm	29mm
DN200 (8")	ANSI 300	381mm	330mm	12	7/8"	25mm		35mm	41mm
DN200 (8")	ANSI 600	419mm	349mm	12	1 1/8"	32mm			56mm
DN200 (8")	ANSI 900	470mm	394mm	12	1 3/8"	38mm			64mm
DN200 (8")	ANSI 1500	483mm	394mm	12	1 5/8"	44mm			92mm
DN200 (8")	ANSI 2500	552mm	438mm	12	2"	54mm			132mm
DN200 (8")	BS10 Table D	337mm	292mm	8	M16	17mm	22mm	19mm	19mm
DN200 (8")	BS10 Table E	337mm	292mm	8	M20	22mm	25mm	19mm	19mm
DN200 (8")	BS10 Table F	368mm	324mm	12	M20	22mm	29mm	25mm	25mm
			324mm	12	M20	22mm	38mm	32mm	
DN200 (8")	BS10 Table H	368mm					38mm		32mm
DN200 (8")	BS10 Table J	368mm	324mm	12	M22	25mm		41mm	4Imm
DN200 (8")	BS10 Table K	368mm	324mm	12	M27	29mm		48mm	48mm
DN200 (8")	BS10 Table R	368mm	324mm	12	M27	29mm			51mm
DN200 (8")	BS10 Table S	413mm	356mm	12	M33	35mm			64mm
DN200 (8")	BS10 Table T	475mm	406mm	12	M39	42mm			89mm
DN200 (8")	BS4504-6	320mm	280mm	8	MI6	I8mm	22mm		22mm
DN200 (8")	BS4504-10	340mm	295mm	8	M20	22mm	26mm		24mm
DN200 (8")	BS4504-16	340mm	295mm	12	M20	22mm	30mm		24mm
N200 (8")	BS4504-25	360mm	310mm	12	M24	26mm	34mm		30mm
N200 (8")	BS4504-40	375mm	320mm	12	M27	30mm			34mm
N200 (8")	BS4504-64	415mm	345mm	12	M33	36mm			42mm
N200 (8")	BS4504-100	430mm	360mm	12	M33	36mm			52mm
N200 (8")	JIS 5K	320mm	280mm	8	M20	23mm	24mm		20mm
DN200 (8")	JIS 10K	330mm	290mm	12	M20	23mm	26mm		22mm
DN200 (8")	JIS 16K	350mm	305mm	12	M24	25mm	30mm		26mm
DN200 (8")	JIS 20K	350mm	305mm	12	M24	25mm	34mm		30mm
DN200 (8")	JIS 30K	370mm	320mm	12	M24	27mm			42mm
DN200 (8")	JIS 40K	405mm	345mm	12	M30	33mm			50mm
DN200 (8")	JIS 63K	425mm	360mm	12	M30	33mm			60mm



**RANGE** DN250 (I0")-DN350 (I4")

SIZE	TABLE	FLANGE	PCD	BOLTS	BOLT	HOLE	THICKNESS	THICKNESS	THICKNESS
		DIAMETER			SIZE	SIZE	CAST IRON	CU ALLOY	STEEL
DN250 (10")	ANSI 125/150	406mm	362mm	12	7/8"	25mm	30mm	25mm	30mm
N250 (10")	ANSI 300	445mm	387mm	16	1"	29mm			48mm
N250 (10")	ANSI 600	508mm	432mm	16	1 1/4"	35mm			64mm
N250 (10")	ANSI 900	546mm	470mm	16	1 3/8"	38mm			70mm
N250 (10")	ANSI 1500	584mm	483mm	12	1 7/8"	51mm			114mm
N250 (10")	ANSI 2500	673mm	540mm	12	2 1/2"	67mm			171mm
N250 (10")	BS10 Table D	406mm	356mm	8	M20	22mm	25mm	19mm	19mm
N250 (10")	BS10 Table E	406mm	356mm	12	M20	22mm	25mm	22mm	22mm
N250 (10")	BS10 Table F	432mm	381mm	12	M22	25mm	29mm	25mm	25mm
N250 (10")	BS10 Table H	432mm	381mm	12	M22	25mm	41mm	35mm	35mm
N250 (10")	BS10 Table J	432mm	381mm	12	M27	29mm			48mm
N250 (10")	BS10 Table K	432mm	381mm	16	M27	29mm			51mm
N250 (10")	BS10 Table R	432mm	381mm	16	M27	29mm			60mm
N250 (10")	BS10 Table S	483mm	387mm	16	M30	33mm			79mm
N250 (10")	BS10 Table T	560mm	489mm	16	M39	42mm	2.4		108mm
N250 (10")	BS4504-6	375mm	335mm	12	M16	18mm	24mm		24mm
N250 (10")	BS4504-10	395mm	350mm	12	M20	22mm	28mm		26mm
N250 (10")	BS4504-16	405mm	355mm	12	M24	26mm	32mm		26mm
N250 (10")	BS4504-25	425mm	370mm	12	M27	30mm	36mm		32mm
N250 (10")	BS4504-40	450mm	385mm	12	M30	33mm	46mm		38mm
N250 (10")	BS4504-64	470mm	400mm	12	M33	36mm			46mm
N250 (10")	BS4504-100	505mm	430mm	12	M36	39mm			60mm
N250 (10")	JIS 5K	385mm	345mm	12	M20	23mm	26mm		22mm
N250 (10")	JIS 10K	400mm	355mm	12	M24	25mm	30mm		24mm
N250 (10")	JIS 16K	430mm	380mm	12	M24	27mm	34mm		28mm
N250 (I0")	JIS 20K	430mm	380mm	12	M24	27mm	38mm		34mm
N250 (10")	JIS 30K	450mm	390mm	12	M30	33mm			48mm
N250 (10")	JIS 40K	475mm	410mm	12	M30	33mm			56mm
N250 (10")	JIS 63K	500mm	430mm	12	M36	39mm			68mm
N300 (I2")	ANSI 125/150	483mm	432mm	12	7/8"	25mm	32mm	27mm	32mm
N300 (I2")	ANSI 300	521mm	451mm	16	I I/8"	32mm			51mm
N300 (I2")	ANSI 600	559mm	489mm	20	1 1/4"	35mm			67mm
N300 (12")	ANSI 900	610mm	533mm	20	I 3/8"	38mm			79mm
N300 (I2")	ANSI 1500	673mm	572mm	16	2"	54mm			I24mm
N300 (I2")	ANSI 2500	762mm	619mm	12	2 7/8"	73mm			190mm
N300 (I2")	BS10 Table D	457mm	406mm	12	M20	22mm	25mm	22mm	22mm
N300 (I2")	BS10 Table E	457mm	406mm	12	M22	25mm	29mm	25mm	25mm
N300 (I2")	BS10 Table F	489mm	438mm	16	M22	25mm	32mm	29mm	29mm
N300 (12")	BS10 Table H	489mm	438mm	16	M22	25mm	44mm	38mm	38mm
N300 (12")	BS10 Table J	489mm	438mm	16	M27	29mm			51mm
N300 (I2")	BS10 Table K	489mm	432mm	16	M30	32mm			32mm
N300 (12")	BS10 Table R	508mm	457mm	16	M30	32mm			70mm
N300 (12")	BS10 Table S	578mm	508mm	16	M30	32mm			92mm
N300 (12")	BS10 Table T	655mm	572mm	16	M45	48mm			121mm
N300 (12")	BS4504-6	440mm	395mm	12	M20	22mm	24mm		24mm
N300 (12")	BS4504-10	445mm	400mm	12	M20	22mm	28mm		26mm
N300 (I2")	BS4504-16	460mm	410mm	12	M24	26mm	32mm		28mm
N300 (12")	BS4504-25	485mm	430mm	16	M27	30mm	40mm		34mm
N300 (I2")	BS4504-40	515mm	450mm	16	M30	33mm			42mm
N300 (I2")	BS4504-64	530mm	460mm	16	M33	36mm			52mm
N300 (12")	BS4504-100	585mm	500mm	16	M39	42mm			68mm
N300 (12")	JIS 5K	430mm	390mm	12	M20	23mm	28mm		22mm
N300 (I2")	JIS 10K	445mm	400mm	16	M24	25mm	32mm		24mm
N300 (I2")	JIS 16K	480mm	430mm	16	M24	27mm	36mm		30mm
N300 (I2")	JIS 20K	480mm	430mm	16	M24	27mm	40mm		36mm
N300 (I2")	JIS 30K	515mm	450mm	16	M30	33mm			52mm
N300 (I2")	JIS 40K	540mm	470mm	16	M36	39mm			60mm
N300 (12")	JIS 63K	560mm	485mm	16	M36	39mm			77mm
N350 (I4")	ANSI 125/150	533mm	476mm	12	1"	29mm	35mm		35mm
N350 (I4")	ANSI 300	584mm	514mm	20	1 1/8"	32mm			54mm
N350 (I4")	ANSI 600	603mm	527mm	20	1 3/8"	38mm			70mm
N350 (I4")	ANSI 900	641mm	559mm	20	1 1/2"	41mm			86mm
N350 (I4")	ANSI 1500	749mm	635mm	16	2 1/4"	60mm			133mm
N350 (14")	BS10 Table D	527mm	470mm	12	M22	25mm	29mm	25mm	25mm
N350 (14")	BS10 Table E	527mm	470mm	12	M22	25mm	32mm	25mm	25mm
N350 (14")	BS10 Table F	552mm	495mm	16	M27	29mm	35mm	32mm	32mm
N350 (I4")	BS10 Table H	552mm	495mm	16	M27	29mm	48mm	41mm	41mm
N350 (I4")	BS10 Table J	552mm	495mm	16	M30	33mm			54mm
N350 (14")	BS10 Table K	572mm	508mm	16	M30	36mm			60mm
V350 (I4")	BS10 Table R	584mm	527mm	16	M30	36mm			79mm
V350 (I4")	BS10 Table S	648mm	578mm	20	M39	42mm			105mm
V350 (I4")	BS4504-6	490mm	445mm	12	M20	22mm	26mm		26mm
N350 (I4")	BS4504-10	505mm	460mm	16	M20	22mm	30mm		28mm
N350 (I4")	BS4504-16	520mm	470mm	16	M24	26mm	36mm		30mm
N350 (I4")	BS4504-25	555mm	490mm	16	M30	33mm	44mm		38mm
N350 (14")	BS4504-40	580mm	510mm	16	M33	36mm			46mm
N350 (14")	BS4504-64	600mm	525mm	16	M36	39mm			56mm
N350 (14")	BS4504-100	655mm	560mm	16	M45	48mm			74mm
N350 (14")	JIS 5K	480mm	435mm	12	M22	25mm	30mm		24mm
N350 (14")	JIS 10K	490mm	445mm	16	M22	25mm	34mm		26mm
N350 (14")	JIS 16K	540mm	480mm	16	M30	33mm	38mm		34mm
N350 (14")	JIS 20K	540mm	480mm	16	M30	33mm	44mm		40mm
N350 (14")	JIS 30K	560mm	495mm	16	M30	33mm	7 1111111		54mm
N350 (14 )	JIS 40K	585mm	515mm	16	M36	39mm			64mm
					1.130	27111111			

# FLANGE INFORMATION

**RANGE** DN375 (I5")-DN500 (20")

SIZE	TABLE	FLANGE	PCD	BOLTS	BOLT	HOLE	THICKNESS	THICKNESS	THICKNESS
		DIAMETER			SIZE	SIZE	CAST IRON	CU ALLOY	STEEL
N375 (I5")	BS10 Table D	552mm	552mm	12	M22	25mm	29mm	25mm	0.222
N375 (15")	BS10 Table E	552mm	552mm	12	M22	25mm	32mm	25mm	
N375 (15")	BS10 Table F	578mm	578mm	16	M27	29mm	35mm	32mm	
DN375 (15")	BS10 Table H	578mm	578mm	16	M27	29mm	51mm	44mm	
DN375 (15")	BS10 Table I	578mm	578mm	16	M30	32mm	Jillilli	77111111	
DN375 (15")	BS10 Table K	857mm	603mm	20	M33	35mm			
DN400 (16")	ANSI 125/150	597mm	540mm	16	1"	29mm	37mm		37mm
DN400 (16")	ANSI 300	648mm	572mm	20	1 1/4"	35mm	3/111111		57mm
DN400 (16")	ANSI 600	699mm	603mm	20	1 1/2"	4Imm			76mm
	ANSI 900	705mm	616mm	20	1 5/8"				89mm
DN400 (16")						44mm			
DN400 (16")	ANSI 1500	826mm	705mm	16	2 1/2"	67mm	20	0.5	146mm
DN400 (16")	BS10 Table D	578mm	521mm	12	M22	25mm	29mm	25mm	25mm
N400 (16")	BS10 Table E	578mm	521mm	12	M22	25mm	32mm	25mm	25mm
N400 (16")	BS10 Table F	610mm	552mm	20	M27	29mm	35mm	32mm	32mm
N400 (16")	BS10 Table H	610mm	552mm	20	M27	29mm	51mm	44mm	44mm
N400 (16")	BS10 Table J	610mm	552mm	20	M30	32mm			57mm
N400 (16")	BS10 Table K	629mm	565mm	20	M30	33mm			67mm
N400 (16")	BS10 Table R	641mm	584mm	20	M30	33mm			89mm
N400 (16")	BS10 Table S	743mm	660mm	20	M45	48mm			117mm
N400 (16")	BS4504-6	540mm	495mm	16	M20	22mm	28mm		28mm
N400 (16")	BS4504-10	565mm	515mm	16	M24	26mm	32mm		32mm
N400 (16")	BS4504-16	580mm	525mm	16	M27	30mm	38mm		32mm
N400 (16")	BS4504-25	620mm	550mm	16	M33	36mm	48mm		40mm
N400 (16")	BS4504-40	660mm	585mm	16	M36	39mm			50mm
N400 (16")	BS4504-64	670mm	585mm	16	M39	42mm			60mm
N400 (16")	BS4504-100	715mm	620mm	16	M45	48mm			78mm
							20		
N400 (16")	JIS 5K	540mm	495mm	16	M22	25mm	30mm		24mm
N400 (16")	JIS 10K	560mm	510mm	16	M24	27mm	36mm		28mm
N400 (16")	JIS 16K	605mm	540mm	16	M30	33mm	42mm		38mm
N400 (16")	JIS 20K	605mm	540mm	16	M30	33mm	50mm		46mm
N400 (16")	JIS 30K	630mm	560mm	16	M36	39mm			60mm
N400 (16")	JIS 40K	645mm	570mm	16	M36	39mm			70mm
N400 (16")	JIS 63K	680mm	590mm	16	M42	46mm			89mm
N450 (18")	ANSI 125/150	635mm	578mm	16	1 1/8"	32mm	40mm		40mm
N450 (18")	ANSI 300	711mm	629mm	24	1 1/4"	35mm			60mm
N450 (18")	ANSI 600	743mm	654mm	20	1 5/8"	44mm			83mm
DN450 (18")	ANSI 900	787mm	686mm	20	1 7/8"	51mm			102mm
N450 (18")	ANSI 1500	914mm	775mm	16	2 3/4"	73mm			I62mm
N450 (18")	BS10 Table D	641mm	584mm	12	M24	26mm	32mm	29mm	32mm
N450 (18")	BS10 Table E	641mm	584mm	16	M24	26mm	35mm	29mm	35mm
				20					
N450 (18")	BS10 Table F	673mm	610mm		M30	33mm	38mm	35mm	44mm
DN450 (18")	BS10 Table H	673mm	610mm	20	M30	33mm	54mm	48mm	60mm
DN450 (18")	BS10 Table J	673mm	610mm	20	M33	36mm			70mm
N450 (18")	BS10 Table K	718mm	654mm	20	M36	39mm			89mm
N450 (18")	BS10 Table R	735mm	673mm	20	M36	39mm			98mm
N450 (18")	BS4504-6	595mm	550mm	16	M20	22mm	30mm		30mm
N450 (18")	BS4504-10	615mm	565mm	20	M24	26mm	32mm		36mm
N450 (18")	BS4504-16	640mm	585mm	20	M27	30mm	40mm		40mm
N450 (18")	BS4504-25	670mm	600mm	20	M33	35mm	52mm		52mm
N450 (18")	BS4504-40	685mm	610mm	20	M36	39mm			68mm
N450 (18")	JIS 5K	605mm	555mm	16	M22	25mm	30mm		24mm
N450 (18")	JIS 10K	620mm	565mm	20	M24	27mm	38mm		30mm
N450 (18")	JIS 16K	675mm	605mm	20	M30	33mm	46mm		40mm
N450 (18")	JIS 20K	675mm	605mm	20	M30	33mm	54mm		48mm
N500 (20")	ANSI 125/150	699mm	635mm	20	1 1/8"	32mm	43mm		43mm
							7311111		
N500 (20")	ANSI 300	775mm	686mm	24	1 1/4"	35mm			64mm
N500 (20")	ANSI 600	813mm	724mm	24	1 5/8"	44mm			89mm
N500 (20")	ANSI 900	845mm	749mm	20	2"	54mm			108mm
N500 (20")	ANSI 1500	984mm	832mm	16	3"	79mm			178mm
N500 (20")	BS10 Table D	705mm	641mm	16	M22	25mm	32mm	32mm	32mm
N500 (20")	BS10 Table E	705mm	641mm	16	M22	25mm	38mm	32mm	32mm
N500 (20")	BS10 Table F	737mm	673mm	20	M30	32mm	41mm	38mm	38mm
N500 (20")	BS10 Table H	737mm	673mm	20	M30	32mm	57mm	51mm	51mm
N500 (20")	BS10 Table J	737mm	673mm	20	M33	35mm			64mm
N500 (20")	BS10 Table K	787mm	711mm	20	M39	41mm			83mm
N500 (20")	BS10 Table R	807mm	730mm	20	M39	41mm			105mm
N500 (20")	BS4504-6	645mm	600mm	20	M20	22mm	30mm		30mm
N500 (20")	BS4504-10	670mm	620mm	20	M24	26mm	34mm		38mm
N500 (20")	BS4504-16	715mm	650mm	20	M30	33mm	42mm		36mm
N500 (20")	BS4504-25	730mm	660mm	20	M33	36mm	52mm		44mm
							JZIIIIII		
N500 (20")	BS4504-40	755mm	670mm	20	M39	42mm			52mm
N500 (20")	BS4504-64	800mm	705mm	20	M45	58mm			67mm
N500 (20")	BS4504-100	870mm	760mm	20	M52	56mm			94mm
N500 (20")	JIS 5K	655mm	605mm	20	M22	25mm	32mm		24mm
N500 (20")	JIS 10K	675mm	620mm	20	M24	27mm	40mm		30mm
ON500 (20")	JIS 16K	730mm	660mm	20	M30	33mm	50mm		42mm
	JIS 20K	730mm	660mm	20	M30	33mm	58mm		50mm



**RANGE** DN550 (22")-DN800 (32")

IZE	TABLE	FLANGE	PCD	BOLTS	BOLT	HOLE	THICKNESS	THICKNESS	THICKNES
		DIAMETER			SIZE	SIZE	CAST IRON	CU ALLOY	STEEL
N550 (22")	ANSI 125/150	749mm	692mm	20	1 1/4"	35mm	<i>G/</i> 10 1 111 0 1 1	007.2201	0.222
N550 (22")	ANSI 300	838mm	743mm	24	1 1/2"	41mm			
N550 (22")	BS10 Table D	760mm	699mm	16	M27	30mm	35mm		29mm
N550 (22")	BS10 Table E	760mm	699mm	16	M27	30mm	38mm		44mm
N550 (22")	BS10 Table F	785mm	724mm	24	M30	33mm	41mm		54mm
N550 (22")	BS10 Table H	785mm	724mm	24	M30	33mm	60mm		70mm
N550 (22")	BS10 Table J	785mm	724mm	24	M33	36mm	OUTINI		86mm
N550 (22")	BS10 Table K	870mm	781mm	20	M52	55mm			105mm
N550 (22")	BS10 Table R	895mm	806mm	20	M52	55mm			114mm
		720mm	665mm	20	M24	27mm	32mm		26mm
N550 (22")	JIS 5K								
N550 (22")	JIS 10K	745mm	680mm	20	M30	33mm	42mm		32mm
N550 (22")	JIS 16K	795mm	720mm	20	M36	39mm	54mm		44mm
N550 (22")	JIS 20K	795mm	720mm	20	M36	39mm	62mm		52mm
N600 (24")	ANSI 125/150	813mm	749mm	20	1 1/4"	35mm	48mm		48mm
N600 (24")	ANSI 300	914mm	813mm	24	1 1/2"	41mm			70mm
N600 (24")	ANSI 600	940mm	838mm	24	I 7/8"	51mm			I02mm
N600 (24")	ANSI 900	1041mm	864mm	20	2 1/2"	67mm			I40mm
N600 (24")	ANSI 1500	1168mm	991mm	16	3 1/2"	92mm			203mm
N600 (24")	BS10 Table D	826mm	756mm	16	M27	29mm	35mm	35mm	35mm
N600 (24")	BS10 Table E	826mm	756mm	16	M30	32mm	41mm	38mm	38mm
N600 (24")	BS10 Table F	851mm	781mm	24	M33	35mm	44mm	41mm	4Imm
N600 (24")	BS10 Table H	851mm	781mm	24	M33	35mm	64mm	57mm	57mm
N600 (24")	BSI0 Table J	851mm	781mm	24	M36	38mm			70mm
N600 (24")	BS4504-6	755mm	705mm	20	M24	26mm	30mm		32mm
N600 (24")	BS4504-10	780mm	725mm	20	M27	30mm	36mm		42mm
N600 (24")	BS4504-16	840mm	770mm	20	M33	36mm	48mm		40mm
N600 (24")	BS4504-25	845mm	770mm	20	M36	39mm	40111111		46mm
N600 (24")	BS4504-40	890mm	795mm	20	M45	48mm			60mm
N600 (24")	BS4504-64	930mm	820mm	20	M52	56mm			76mm
N600 (24")	BS4504-100	990mm	875mm	20	M56	62mm			I04mm
N600 (24")	JIS 5K	770mm	715mm	20	M24	27mm	32mm		26mm
N600 (24")	JIS 10K	765mm	730mm	24	M30	33mm	44mm		32mm
N600 (24")	JIS 16K	845mm	770mm	24	M36	39mm	58mm		46mm
N600 (24")	JIS 20K	845mm	770mm	24	M36	39mm	66mm		54mm
N650 (26")	ANSI 125/150	870mm	806mm	24	1 1/4"	35mm			
N650 (26")	ANSI 300	971mm	876mm	28	1 5/8"	41mm			
N650 (26")	JIS 5K	825mm	770mm	24	M24	27mm	34mm		26mm
N650 (26")	JIS IOK	845mm	780mm	24	M30	33mm	43mm		34mm
N650 (26")	JIS 16K	895mm	820mm	24	M36	39mm	1011111		48mm
N650 (26")	JIS 20K	945mm	850mm	24	M45	48mm			60mm
N700 (28")	ANSI 125/150	927mm	864mm	28	1 1/4"	35mm			OUIIIII
	ANSI 300	1035mm	940mm	28	1 5/8"	70mm			
N700 (28")							4.4		
N700 (28")	BS10 Table D	910mm	845mm	20	M27	30mm	44mm		25
N700 (28")	BS10 Table E	910mm	845mm	20	M30	33mm	38mm		35mm
N700 (28")	BS10 Table F	935mm	857mm	24	M33	36mm	44mm		51mm
N700 (28")	BS4504-6	860mm	810mm	24	M24	26mm	32mm		34mm
N700 (28")	BS4504-10	895mm	940mm	24	M27	30mm	40mm		46mm
N700 (28")	BS4504-16	910mm	840mm	24	M33	36mm	54mm		58mm
N700 (28")	BS4504-25	960mm	875mm	24	M39	42mm			
N700 (28")	BS4504-40	995mm	900mm	24	M45	48mm			
N700 (28")	BS4504-64	1045mm	935mm	24	M52	56mm			
N700 (28")	BS4504-100	1145mm	1020mm	24	M64	70mm			
N700 (28")	JIS 5K	875mm	820mm	24	M24	27mm	34mm		26mm
N700 (28")	JIS 10K	905mm	840mm	24	M30	33mm	48mm		34mm
N700 (28")	JIS 16K	960mm	875mm	24	M39	42mm			50mm
N700 (28")	JIS 20K	995mm	900mm	24	M45	48mm			64mm
							E America		0-111111
N750 (30")	ANSI 125/150	984mm	914mm	28	1 1/4"	35mm	54mm		
N750 (30")	ANSI 300	1092mm	997mm	28	1 3/4"	48mm	40		
N750 (30")	BS10 Table D	995mm	927mm	20	M30	33mm	48mm		41
N750 (30")	BSI0 Table E	995mm	927mm	20	M33	36mm	4Imm		4Imm
N750 (30")	BS10 Table F	1015mm	940mm	28	M33	36mm	48mm		54mm
N750 (30")	JIS 5K	945mm	880mm	24	M30	33mm	36mm		28mm
N750 (30")	JIS 10K	970mm	900mm	24	M30	33mm	50mm		36mm
N750 (30")	JIS 16K	1020mm	935mm	24	M39	42mm			52mm
N750 (30")	JIS 20K	1080mm	970mm	24	M52	56mm			68mm
N800 (32")	ANSI 125/150	1060mm	978mm	28	1 1/2"	41mm			
N800 (32")	ANSI 300	1149mm	1054mm	28	1 7/8"	50mm			
N800 (32")	BSI0 Table D	1060mm	984mm	20	M33	36mm	41mm		41mm
N800 (32")	BS10 Table E	1060mm	984mm	20	M33	36mm	48mm		54mm
N800 (32")	BS10 Table F	1060mm	984mm	28	M33	36mm	52mm		68mm
N800 (32")	BS4504-6	975mm	920mm	24	M27	30mm	34mm		38mm
	BS4504-10								
N800 (32")		1015mm	950mm	24	M30	33mm	44mm		52mm
N800 (32")	BS4504-16	1025mm	950mm	24	M36	39mm	58mm		64mm
N800 (32")	BS4504-25	1085mm	990mm	24	M45	48mm			
N800 (32")	BS4504-40	1140mm	1030mm	24	M52	56mm			
N800 (32")	BS4504-64	1165mm	1050mm	24	M56	62mm			
N800 (32")	JIS 5K	995mm	930mm	24	M30	33mm	36mm		28mm
N800 (32")	JIS IOK	1020mm	950mm	28	M30	33mm	52mm		36mm
N800 (32")	JIS 16K	1085mm	990mm	24	M45	48mm			54mm
			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	~ 1	M52	56mm			72mm

# FLANGE INFORMATION

**RANGE** DN850 (34")-DN550 (62")

SIZE	TABLE	FLANGE	PCD	BOLTS	BOLT	HOLE	THICKNESS	THICKNESS	THICKNESS
		DIAMETER			SIZE	SIZE	CAST IRON	CU ALLOY	STEEL
N850 (34")	ANSI 125/150	IIIImm	1029mm	32	1 1/2"	41mm	0, 101 111011	337.223	0.222
N850 (34")	ANSI 300	1206mm	1105mm	28	1 7/8"	50mm			
N850 (34")	BS10 Table D	1090mm	1016mm	20	M33	36mm	41mm		44mm
N850 (34")	BS10 Table E	1090mm	1016mm	20	M33	36mm	51mm		57mm
N850 (34")	BS10 Table F	1090mm	1016mm	32	M33	36mm	54mm		54mm
DN850 (34")	JIS 5K	1045mm	980mm	24	M30	33mm	38mm		28mm
DN850 (34")	JIS IOK	1070mm	1000mm	28	M30	33mm	52mm		36mm
DN850 (34")	JIS 16K	1135mm	1040mm	24	M45	48mm			56mm
N850 (34")	JIS 20K	1200mm	1090mm	24	M52	56mm			74mm
N900 (36")	ANSI 125/150	1168mm	1086mm	32	1 1/2"	41mm	60mm		
DN900 (36")	ANSI 300	1270mm	1168mm	32	2"	54mm			
DN900 (36")	BS10 Table D	1175mm	1092mm	24	M33	36mm	44mm		48mm
N900 (36")	BS10 Table E	1175mm	1092mm	24	M33	36mm	51mm		64mm
DN900 (36")	BS10 Table F	1185mm	1105mm	32	M36	39mm	57mm		76mm
DN900 (36")	BS4504-6	1075mm	1020mm	24	M27	30mm	36mm		42mm
N900 (36")	BS4504-10	1115mm	1050mm	28	M30	33mm	46mm		56mm
N900 (36")	BS4504-16	1125mm	1050mm	28	M36	39mm	62mm		72mm
N900 (36")	BS4504-25	1185mm	1090mm	28	M45	48mm	55mm		58mm
N900 (36")	BS4504-40	1285mm	1170mm	28	M52	56mm	3311111		3011111
N900 (36")	BS4504-64	1285mm	1170mm	28	M56	62mm			
N900 (36")	JIS 5K	1095mm	1030mm	24	M30	33mm	38mm		30mm
N900 (36")		1120mm	1050mm	28	M30	33mm	54mm		38mm
N900 (36")	JIS 10K JIS 16K	1185mm	1090mm	28	M45	48mm	Jannill		58mm
N900 (36")	JIS 16K	1250mm	1140mm	28	M52	56mm			76mm
	ANSI 125/150	1230mm 1238mm	1140mm 1149mm	32	1 1/2"	4lmm			7611111
DN950 (38")									
N950 (38")	ANSI 300	1327mm	1219mm	32	2"	54mm			
DN1000 (40")	ANSI 125/150	1289mm	1200mm	36	1 1/2"	41mm			
N1000 (40")	ANSI 300	1384mm	1276mm	36	2"	54mm			
N1000 (40")	BS10 Table D	1255mm	1175mm	24	M33	36mm	44mm		51mm
N1000 (40")	BS10 Table E	1255mm	1175mm	24	M36	39mm	54mm		67mm
DN1000 (40")	BS10 Table F	1275mm	1194mm	36	M36	39mm	60mm		83mm
NI000 (40")	BS4504-6	1175mm	1120mm	28	M27	30mm	36mm		46mm
N1000 (40")	BS4504-10	1230mm	1160mm	28	M33	36mm	50mm		62mm
N1000 (40")	BS4504-16	1255mm	1170mm	28	M39	42mm	66mm		78mm
N1000 (40")	BS4504-25	1320mm	1210mm	28	M52	56mm	60mm		
N1000 (40")	BS4504-40	1360mm	1250mm	28	M52	56mm			
N1000 (40")	BS4504-64	1415mm	1290mm	28	M64	70mm			
ON1000 (40")	JIS 5K	1195mm	1130mm	28	M30	33mm	40mm		32mm
ON1000 (40")	JIS 10K	1235mm	1160mm	28	M36	39mm	58mm		40mm
N1000 (40")	JIS 16K	1320mm	1210mm	28	M52	56mm	3011111		62mm
N1050 (42")	ANSI 125/150	1346mm	1257mm	36	1 1/2"	41mm	66mm		OZIIIII
ON1050 (42")	ANSI 300	1448mm	1340mm	36	2"	54mm	00111111		
NII00 (44")	ANSI 125/150	1346mm	1257mm	36	1 1/2"	4Imm	66mm		
			1397mm	36	2"		00111111		
N1100 (44")	ANSI 300	1505mm				50mm	42		22
N1100 (44")	JIS 5K	1305mm	1240mm	28	M30	33mm	42mm		32mm
N1100 (44")	JIS 10K	1345mm	1270mm	28	M36	39mm	62mm		42mm
N1100 (44")	JIS 16K	1420mm	1310mm	32	M52	56mm			66mm
DN1150 (46")	ANSI 125/150	1454mm	1365mm	40	1 1/2"	41mm			
DN1150 (46")	ANSI 300	1562mm	1454mm	40	2 1/8"	50mm			
N1200 (48")	ANSI 125/150	1511mm	1422mm	44	1 1/2"	4Imm	70mm		
N1200 (48")	ANSI 300	1651mm	1543mm	40	2"	57mm	102mm		
N1200 (48")	BS10 Table D	1490mm	1410mm	32	M33	36mm	51mm		60mm
N1200 (48")	BS10 Table E	1490mm	1410mm	32	M36	39mm	60mm		79mm
N1200 (48")	BS10 Table F	1530mm	1441mm	40	M39	42mm	67mm		95mm
N1200 (48")	BS4504-6	1405mm	1340mm	32	M30	33mm	40mm		56mm
DN1200 (48")	BS4504-10	1455mm	1380mm	32	M36	39mm	56mm		74mm
N1200 (48")	BS4504-16	1485mm	1390mm	32	M45	48mm			94mm
N1200 (48")	BS4504-25	1530mm	1420mm	32	M52	56mm			
NI200 (48")	BS4504-40	1575mm	1460mm	32	M56	62mm			
NI200 (48")	BS4504-64	1665mm	1530mm	32	M72	78mm			
NI200 (48")	JIS 5K	1420mm	1350mm	32	M30	33mm	46mm		34mm
N1200 (48")	JIS 10K	1465mm	1380mm	32	M36	39mm	66mm		44mm
N1200 (48")	JIS 16K	1530mm	1420mm	32	M52	56mm			70mm
N1250 (48 )	ANSI 125/150	1568mm	1479mm	44	1 3/4"	48mm			7 5111111
DN1250 (50 )	ANSI 125/150	1626mm	1537mm	44	1 3/4"	48mm			
			1594mm	44	1 3/4"		76mm		
DN1350 (54")	ANSI 125/150	1683mm 1575mm	1594mm 1505mm			51mm			34mm
N1350 (54")	JIS 5K			32	M30	33mm	48mm		
N1350 (54")	JIS 10K	1630mm	1540mm	36	M42	45mm	70mm		45mm
N1350 (54")	JIS 16K	1700mm	1590mm	32	M56	62mm			62mm
N1400 (56")	ANSI 125/150	1746mm	1651mm	48	1 3/4"	48mm			40
N1400 (56")	BS10 Table D	1700mm	1615mm	36	M33	36mm	57mm		60mm
N1400 (56")	BS4504-6	1630mm	1560mm	36	M33	36mm			
N1400 (56")	BS4504-10	1675mm	1590mm	36	M39	42mm			
N1400 (56")	BS4504-16	1685mm	1590mm	36	M45	48mm			
N1400 (56")	BS4504-25	1755mm	1640mm	36	M56	60mm			
N1400 (56")	BS4504-40	1795mm	1680mm	36	M56	62mm			
N1400 (56")	JIS 16K	1755mm	1640mm	36	M56	62mm			78mm
N1450 (58")	ANSI 125/150	1803mm	1708mm	48	1 3/4"	48mm			
NI500 (60")	ANSI 125/150	1854mm	1759mm	52	1 3/4"	51mm	79mm		
NI500 (60")	JIS 5K	1730mm	1660mm	36	M30	33mm	52mm		36mm
N1500 (60")	JIS 10K	1795mm	1700mm	40	M42	45mm	74mm		50mm
NI500 (60")	JIS 16K	1865mm	1750mm	36	M36	62mm	7 111111		80mm
131300 100 1	J13 10K	100311111	1822mm	52	1 7/8"	51mm			OUIIIII



**RANGE** DNI600 (64")-DN3600 (144")

SIZE	TABLE	FLANGE	PCD	BOLTS	BOLT	HOLE	THICKNESS	THICKNESS	THICKNESS
		DIAMETER			SIZE	SIZE	CAST IRON	CU ALLOY	STEEL
DN1600 (64")	ANSI 125/150	1981mm	1880mm	52	I 7/8"	51mm			
DN1600 (64")	BS10 Table D	1910mm	1825mm	40	M36	39mm	60mm		64mm
DN1600 (64")	BS4504-6	1830mm	1760mm	40	M33	36mm			
DN1600 (64")	BS4504-10	1915mm	1820mm	40	M45	48mm			
DN1600 (64")	BS4504-16	1930mm	1820mm	40	M52	56mm			
DN1600 (64")	BS4504-25	1975mm	1860mm	40	M56	60mm			
DN1600 (64")	BS4504-40	2025mm	1900mm	40	M64	70mm			
DN1650 (66")	ANSI 125/150	2032mm	1930mm	52	1 7/8"	51mm			
DN1700 (68")	ANSI 125/150	2089mm	1988mm	56	1 7/8"	51mm			
DN1750 (70")	ANSI 125/150	2140mm	2045mm	56	1 7/8"	51mm			
DN1800 (72")	ANSI 125/150	2197mm	2095mm	60	1 3/4"	51mm	89mm		
DN1800 (72 )	BS10 Table D	2110mm	2019mm	44	M39	42mm	67mm		73mm
DN1800 (72 )	BS4504-6	2045mm	1970mm	44	M36	39mm	0/111111		/3111111
	BS4504-10			44					
DN1800 (72")		2115mm	2020mm		M45	48mm			
DN1800 (72")	BS4504-16	2130mm	2020mm	44	M52	56mm			
DN1800 (72")	BS4504-25	2195mm	2070mm	44	M64	69mm			
DN1850 (74")	ANSI 125/150	2248mm	2146mm	60	1 3/4"	51mm			
DN1900 (76")	ANSI 125/150	2305mm	2197mm	60	1 3/4"	51mm			
DN1950 (78")	ANSI 125/150	2362mm	2254mm	60	2 1/8"	51mm			
DN2000 (80")	ANSI 125/150	2419mm	2311mm	60	2 1/8"	51mm			
DN2000 (80")	BS4504-6	2265mm	2180mm	48	M39	42mm			
DN2000 (80")	BS4504-10	2325mm	2230mm	48	M45	48mm			
DN2000 (80")	BS4504-16	2345mm	2230mm	48	M56	61mm			
DN2000 (80")	BS4504-25	2425mm	2300mm	48	M64	69mm			
DN2050 (82")	ANSI 125/150	2476mm	2369mm	60	2 1/8"	51mm			
DN2100 (84")	ANSI 125/150	2534mm	2426mm	64	2 1/8"	51mm			
DN2150 (86")	ANSI 125/150	2534mm	2425mm	64	2"	57mm	99mm		
DN2200 (88")	BS10 Table D	2560mm	2460mm	44	M45	48mm	73mm		83mm
DN2200 (88")	BS4504-6	2475mm	2390mm	52	M39	42mm			
DN2200 (88")	BS4504-10	2550mm	2440mm	52	M52	55mm			
DN2200 (88")	BS4504-16	2555mm	2440mm	52	M56	62mm			
DN2250 (90")	ANSI 125/150	2705mm	2597mm	68	2 1/4"	54mm			
DN2300 (92")	ANSI 125/150	2762mm	2654mm	68	2 1/4"	54mm			
DN2350 (94")	ANSI 125/150	2819mm	2699mm	68	2 1/4"	54mm			
DN2400 (96")	ANSI 125/150	2877mm	2756mm	68	2 1/4"	63mm	108mm		
DN2400 (96")	BS10 Table D	2775mm	2673mm	52	M45	48mm	83mm		92mm
DN2400 (96")	BS4504-6	2685mm	2545mm	56	M39	42mm			
DN2400 (96")	BS4504-10	2760mm	2570mm	56	M52	55mm			
DN2450 (98")	ANSI 125/150	2934mm	2813mm	68	2 1/4"	63mm			
DN2500 (100")	ANSI 125/150	2991mm	2870mm	68	2 1/4"	63mm			
DN2550 (100")	ANSI 125/150	3048mm	2908mm	72	2 1/4"	63mm			
DN2600 (104")	BS4504-6	2905mm	2810mm	60	M45	48mm			
DN2600 (104")	BS4504-10	2960mm	2850mm	60	M52	55mm			
DN2700 (104 )	ANSI 125/150	3219mm	3067mm	72	2 1/4"	63mm			
DN2800 (112")	BS10 Table D	3200mm	3090mm	56	M45	48mm	89mm		102mm
DN2800 (112 )	BS4504-6	3115mm	3020mm	64	M45	48mm	07111111		102111111
\ /									
DN2800 (112")	BS4504-10	3180mm	3070mm	64	M52	55mm			
DN3000 (120")	ANSI 125/150	3562mm	3372mm	76	2 1/4"	63mm			
DN3000 (120")	BS4504-6	3315mm	3220mm	68	M45	48mm			
DN3000 (120")	BS4504-10	3405mm	3290mm	68	M56	62mm			
DN3200 (128")	BS4504-6	3525mm	3430mm	72	M45	48mm			
DN3300 (132")	ANSI 125/150	3905mm	3702mm	80	2 1/4"	48mm			
DN3400 (136")	BS4504-6	3735mm	3640mm	76	M45	48mm			
DN3600 (144")	ANSI 125/150	4248mm	4020mm	84	2 1/4"	63mm			
DN3600 (144")	BS4504-6	3970mm	3860mm	80	M52	56mm			

# ASTM MATERIAL INFORMATION

			CARBON (C)	MANGANESE (MN)	PHOSPHORUS	SULPHER	SILICON (SI)	CHROMIUM (CR)	MOLYBDENUM (MO)	NICKEL (NI)
ASTM GRADE  ASTM A216-WCB	DESCRIPTION  Cast Carbon Steel	TEMP. RANGE -20-800 deg F	0.30 max	I.00 max	0.04 max	0.045 max		0.50 max	0.20 max	0.50 max
ASTM AI05	Forged Carbon Steel	-20-800 deg F	0.35 max	0.60-1.05	0.040 max	0.050 max	0.10-0.35	0.30 max	0.12 max	0.40 max
ASTM A352-LCB	Low Temp Cast Carbon Steel	-50–800 deg F	0.30 max	1.00 max	0.04 max	0.045 max	0.60 max	0.50 max	0.20 max	0.50 max
ASTM A350-LF2	Low Temp Forged Carbon Steel	-50–800 deg. F	0.30 max	0.60-1.35	0.035 max	0.040 max	0.15-0.30	0.30 max	0.12 max	0.40 max
ASTM A217-WC6	I 1/4% Chrome, I/2% Molybdenum	-20-1100 deg. F	0.05-0.20	0.50-0.80	0.04 max	0.045 max	0.60 max	1.00-1.50	0.45-0.65	0.50 max*
ASTM A182-FII I	I I/4% Chrome, I/2% Molybdenum	-20-1100 deg. F	0.05-0.15	0.30-0.60	0.030 max	0.030 max	0.50-1.00	1.00-1.50	0.44-0.65	
ASTM A182-FII 2 OR 3	I 1/4% Chrome, 1/2% Molybdenum	-20-1100 deg. F	0.10-0.20	0.30-0.80	0.040 max	0.040 max	0.50-1.00	1.00-1.50	0.44-0.65	
ASTM A217-WC9	2 I/4% Chrome, I% Molybdenum	-20-1100 deg.F	0.05-0.18	0.40-0.70	0.04 max	0.045 max	0.60 max	2.00-2.75	0.90-1.20	0.50 max*
ASTM A182-F22	2 1/4% Chrome, 1% Molybdenum	-20-1100 deg.F	0.05-0.15	0.30-0.60	0.04	0.04	0.50 max	2.00-2.50	0.87-1.13	
ASTM A217-C5	5% Chrome, I/2% Molybdenum	-20-1200 deg. F)	0.20 max	0.40-0.70	0.04 max	0.045 max	0.75 max	4.00-6.50	0.45-0.65	0.50 max*
ASTM A182-F5	5% Chrome, I/2% Molybdenum	-20-1200 deg. F	0.15 max	0.30-0.60	0.030 max	0.030 max	0.50 max	4.00-6.00	0.44-0.65	0.50 max
ASTM A217-C12	9% Chrome, I% Molybdenum	-20-1200 deg. F	0.20 max	0.35-0.65	0.04 max	0.045 max	1.00 max	8.00-10.00	0.90-1.20	0.50 max*
ASTM A182-F6A	Cr13, 410ss, or F6	contact office	0.15 max	1.00 max	0.04	0.03	1.00 max	11.5-13.5		0.50 max
ASTM A351-CF8	18-8S, Cast 304ss	aBS. zero-1500 deg. F	0.08 max	1.50 max	0.040 max	0.040 max	2.00 max	18.0-21.0	0.50 max	8.0-11.0
ASTM A182-F304	Forged 304ss	aBS. zero-1500 deg. F	0.08 max	2.00 max	0.045	0.03	1.00 max	18.0-20.0		8.0-11.0
ASTM A182-F304L	Forged Low Carbon 304ss	aBS. zero-850 deg. F	0.035 max	2.00 max	0.045	0.03	1.00 max	18.0-20.0		8.0-13.0
ASTM A351-CF8M	18-8SMo, Cast 316ss	aBS. zero-1500 deg. F	0.08 max	1.50 max	0.040 max	0.040 max	1.50 max	18.0–21.0	2.0-3.0	9.0-12.0
ASTM A182-F316	Forged 316ss	aBS. zero-1500 deg. F	0.08 max	2.00 max	0.045	0.03	1.00 max	16.0-18.0	2.00-3.0	10.0-14.0
ASTM A182-F316L	Forged Low Carbon 316ss	aBS. zero-850 deg. F	0.035 max	2.00 max	0.045	0.03	1.00 max	16.0-18.0	2.00-3.0	10.0-15.0
ASTM A351-CN7M**	Cast Alloy 20	aBS. zero-300 deg. F	0.07 max	1.50 max	0.040 max	0.040 max	1.50 max	19.0-22.0	2.0-3.0	27.5–30.5
ASTM A494-M-35-I/2**	Cast Monel	contact office	0.35 max	1.50 max	0.03 max	0.03 max	**see note			balance

<sup>\*</sup> Allowed as a residual element. Residual elements have a combined maximum also.

Information may be used as a guide only. Before specifying any material all factors must be taken into consideration and the proper ASTM, API, ANSI, ASME, MSS or other related specifications must be consulted.

<sup>\*\*</sup> See descriptions above as these specifications have additional material requirements.



#### Customer service is paramount, but don't just take our word for it

"Service—In our survey, 90% of you told us that you were happy with our service, and over 80% of you rated our service between good and excellent."



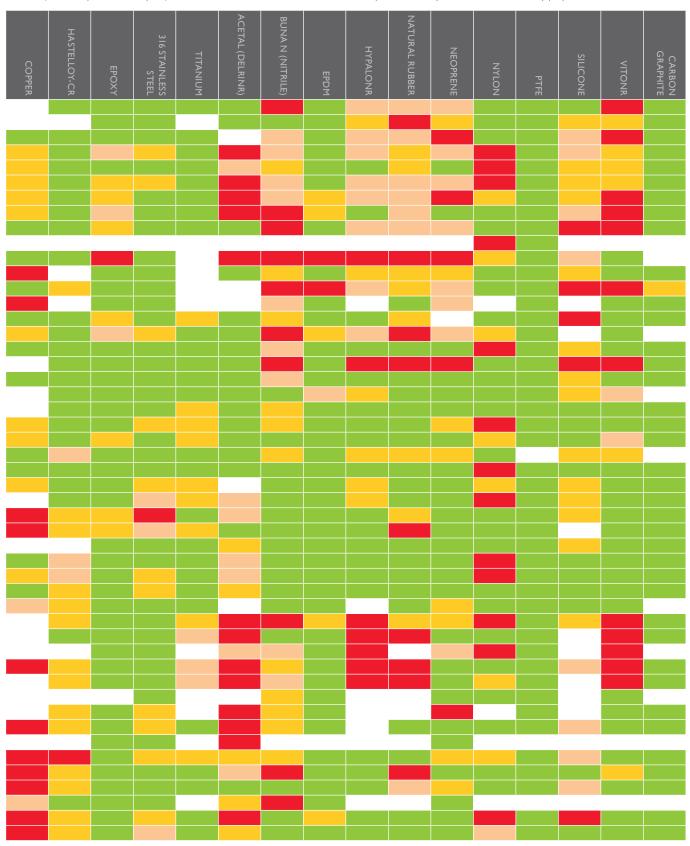
# CHEMICAL COMPATIBILITY CHART

JIDE TO COLOUR CODING:  Excellent chemical compatibility.										
Good compatibility with minor effect, slight corrosion or	r discolora	tion								
					f	مينا المسلمة	- man			
Not recommended with chemical having some moderate	епест, ро	tentially cal	ising softe	ning, ioss o	of strength	and swellin	g may occi	ır.		
Severe effect-not recommended for any use.										
No data.										1
				РО		7				
				Ϋ́		Ď			AR	
				ŘO					ВО	CAS
		0		PYL		ž	g R	ROI	LS N	ਜ
HEMICAL	ABS	CPVC	LDPE	POLYPROPYLENE	PVC	PVDF (KYNAR®)	BRASS	BRONZE	CARBON STEEL	CAST IRON
etaldehyde	S	( )		- 111	( )		S	III		
eetamide										
etate Solvent										
etic Acid										
etic Acid 20%										
etic Acid 80%										
etic Acid 60%										
etic Anhydride										
ectone										
etyl Bromide										
etyl Chloride (dry)										
etylene										
rylonitrile										
lipic Acid										
cohols:Amyl										
cohols:Benzyl										
cohols:Butyl										
cohols:Diacetone										
cohols:Ethyl										
cohols:Hexyl										
cohols:Isobutyl										
cohols:Isopropyl										
cohols:Methyl										
cohols:Octyl										
cohols:Propyl										
uminum Chloride										
uminum Chloride 20%										
uminum Fluoride										
uminum Hydroxide										
uminum Nitrate										
uminum Potassium Sulfate 10%										
uminum Potassium Sulfate 100%										
uminum Sulfate										
ums										
nines										
nmonia 10%										
nmonia Nitrate										
nmonia, anhydrous										
nmonia, liquid										
nmonium Acetate										
nmonium Bifluoride										
nmonium Carbonate										
nmonium Caseinate		_								
nmonium Chloride										
nmonium Hydroxide										
nmonium Nitrate										
illionidiii iviti ate										
mmonium Oxalate nmonium Persulfate										



PLEASE NOTE that information within this chart should only be used as a guide in selecting materials for chemical compatibility. We recommend that you test the material with the chemicals and under the specific conditions of your application.

Results are based on a 48-hr exposure period and exposure beyond this period may result in alternative results. Variations in conditions, such as temperature, pressure, and concentrations can cause alternative reactions to material, even though it passed an initial test. Valve Center does not warrant (neither expressed nor implied) that the information in this chart is accurate or complete or that any material is suitable for any purpose.



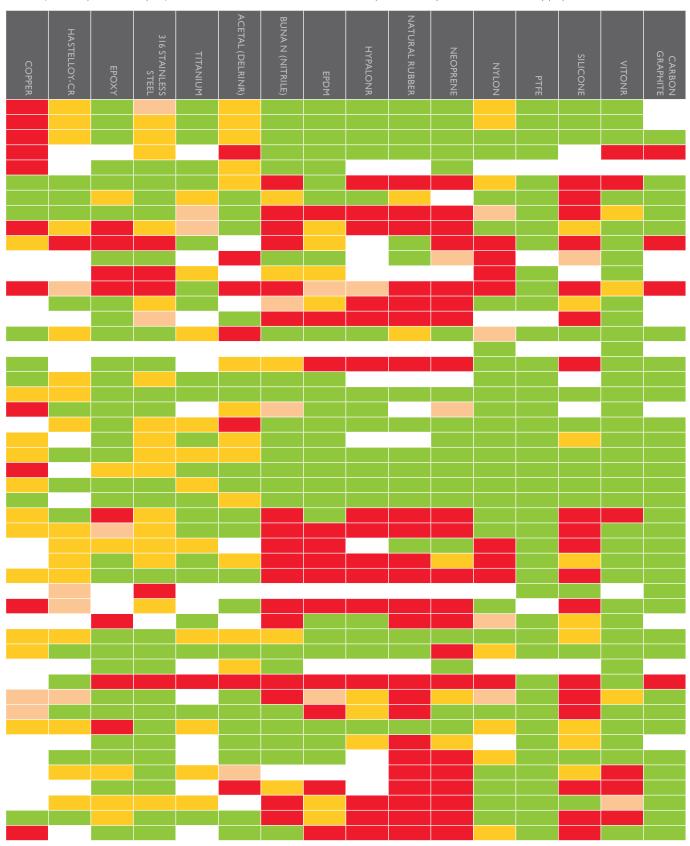
# CHEMICAL COMPATIBILITY CHART

GUIDE TO COLOUR CODING:										
Excellent chemical compatibility.										
Good compatibility with minor effect, slight corrosio	n or discolora	ition.								
Not recommended with chemical having some moder	rate effect, po	tentially ca	using softe	ning, loss c	of strength	and swellin	ıg may occı	ır.		
Severe effect—not recommended for any use.										
No data.										
				70						
				OLY		PVE			CA	
				PRC		OF (F			RBC	CA
				ОРҮ		Ž	B	BRC	) X	CAST IRON
	ABS	СРУС	LDPE	POLYPROPYLENE	PVC	PVDF (KYNAR®)	BRASS	BRONZE	CARBON STEEL	RO
CHEMICAL	Š	Ω	m	т	Ω	_ ع	S	imi	77	Z
Ammonium Phosphate, Monobasic										
Ammonium Phosphate, Tribasic										
Ammonium Sulfite										
Ammonium Thiosulfate										
Amyl Acetate										
Amyl Alcohol										
Amyl Chloride										
Aniline										
Aniline Hydrochloride										
Antifreeze										
Antimony Trichloride										
qua Regia (80% HCI, 20% HNO3)										
Arochlor 1248										
romatic Hydrocarbons										
Arsenic Acid										
Arsenic Salts										
Asphalt										
Sarium Carbonate										
Barium Chloride										
Barium Cyanide										
Barium Hydroxide										
Barium Nitrate										
Barium Sulfate Barium Sulfide										
Beer										
Beet Sugar Liquids										
Benzaldehyde										
Benzene										
Senzene Sulfonic Acid							l			
Senzoic Acid										
Benzol										
Benzonitrile		-			-		•		-	
Benzyl Chloride										
Bleaching Liquors										
Borax (Sodium Borate)										
oric Acid										
rewery Slop							ı			
romine										
utadiene										
utane										
utanol (Butyl Alcohol)										I
utter										
uttermilk							ſ			
utyl Amine										
tutyl Ether										
utyl Phthalate										
utylacetate										



PLEASE NOTE that information within this chart should only be used as a guide in selecting materials for chemical compatibility. We recommend that you test the material with the chemicals and under the specific conditions of your application.

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# CHEMICAL COMPATIBILITY CHART

GUIDE TO COLOUR CODING:										
Excellent chemical compatibility.  Good compatibility with minor effect, slight corrosion or	r discolors	tion								
Not recommended with chemical having some moderate			using softs	ning loss o	of strongth	and swallin	a may acci			
Severe effect—not recommended for any use.	enect, po	- Certifiany Car	using sorte	illig, ioss c	on screnger	and swellin	ig illay occi	A1.		
No data.										
110 datai										
				POLYPROPYLENE		Pγ			Q	
				.YPR		Ŷ			^RB	0
				Ŷ		(KY		BR	O Z	AST
	⊳	CPVC	5	YLEI	P	PVDF (KYNAR®)	BRASS	BRONZE	CARBON STEEL	CAST IRON
CHEMICAL	ABS	ń	LD PE	Ä.	PVC	٩	SS	ZE	Ë	ž
Butyric Acid										
Calcium Bisulfate							ı			
Calcium Bisulfide										
Calcium Bisulfite										
Calcium Carbonate										
Calcium Chlorate										
Calcium Chloride Calcium Hydroxide										
Calcium Hydroxide  Calcium Hypochlorite										
Calcium Nitrate										
Calcium Oxide										
Calcium Sulfate										
Calgon										
Cane Juice										
Carbolic Acid (Phenol)										
Carbon Bisulfide										
Carbon Dioxide (dry)										
Carbon Dioxide (wet)										
Carbon Disulfide										
Carbon Monoxide										
Carbon Tetrachloride										
Carbon Tetrachloride (dry)										
Carbon Tetrachloride (wet) Carbonated Water										
Carbonic Acid										
Catsup Caustic Soda / Sodium Hydroxide (20%)										
Caustic Soda / Sodium Hydroxide (20%)										
Caustic Soda / Sodium Hydroxide (80%)										
Chloric Acid										
Chlorinated Glue										
Chlorine (dry)										
Chlorine Water										
Chlorine, Anhydrous Liquid										
Chloroacetic Acid										
Chlorobenzene (Mono)										
Chlorobromomethane										
Chloroform										
Chlorosulfonic Acid										
Chocolate Syrup										
Chromic Acid 10%  Chromic Acid 30%										
Chromic Acid 30%										
Chromic Acid 5%										
Chromium Salts										
Cider										
Citric Acid										
Citric Oils										
Cloroxr (Bleach)										



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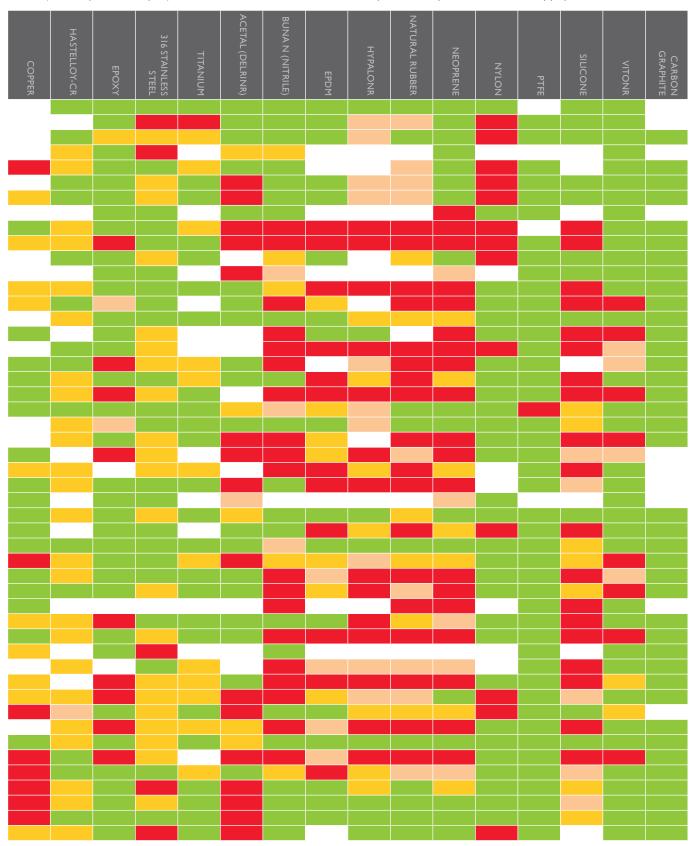
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# CHEMICAL COMPATIBILITY CHART

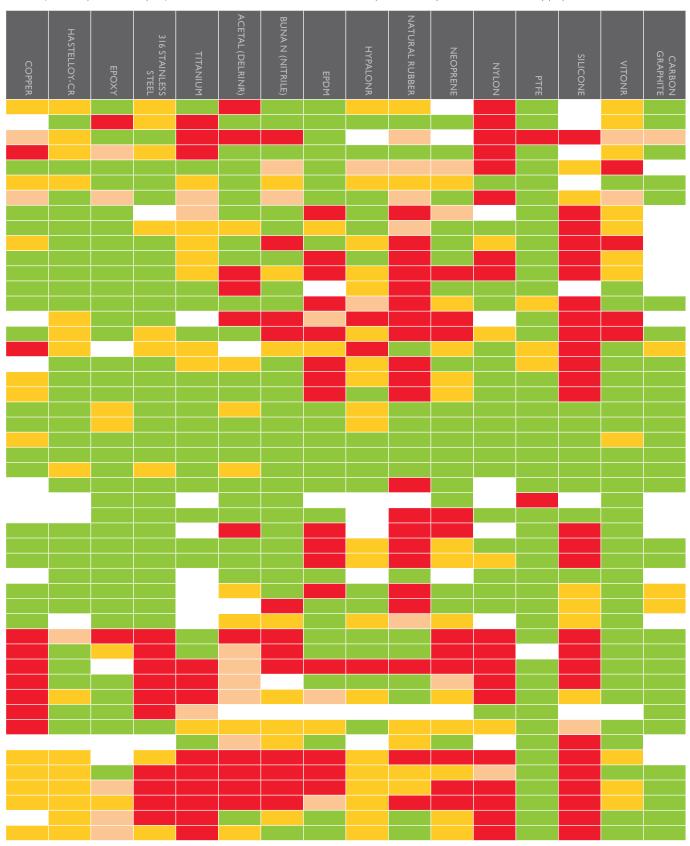
GUIDE TO COLOUR CODING:										
Excellent chemical compatibility.  Good compatibility with minor effect, slight corrosion of	r discolora									
Not recommended with chemical having some moderate			using softe	ning loss o	of strength	and swellin	וס may הררו			
Severe effect—not recommended for any use.	effect, po	- Certifiany Ca	using sorce		n strength	and Swellin	ig may occi			
No data.										
				T _						
				POLYPROPYLENE		PV			Q	
				.YPR		Å			\^RB	Ω.
				(Op)		(KY		BR	O Z	AST
	⊳	CPVC	5	YLE	- P	PVDF (KYNAR®)	BRASS	BRONZE	CARBON STEEL	CAST IRON
CHEMICAL	ABS	δ	LDPE	Z M	PVC	ربر چ	SS	ZE	Ë	ž
Coffee										
Copper Chloride										
Copper Cyanide										
Copper Fluoborate									ı	
Copper Nitrate										
Copper Sulfate >5%										
Copper Sulfate 5%										
Cream							I			
Cresols										
Cresylic Acid									l	
Cupric Acid  Cyanic Acid										
Cyclohexane										
Cyclohexanone										
Detergents										
Diacetone Alcohol										
Dichlorobenzene										
Dichloroethane										
Diesel Fuel										
Diethyl Ether										
Diethylamine										
Diethylene Glycol										
Dimethyl Aniline										
Dimethyl Formamide										
Diphenyl										
Diphenyl Oxide										
Dyes										
Epsom Salts (Magnesium Sulfate)										
Ethane										
Ethanol										
Ethanolamine - ·										
Ether										
Ethyl Acetate										
Ethyl Benzoate										
Ethyl Chloride										
Ethyl Ether				[						
Ethyl Sulfate							ı			ı
Ethylene Bromide										
Ethylene Chloride Ethylene Chlorohydrin										
Ethylene Diamine										l
Ethylene Diamine  Ethylene Dichloride										
Ethylene Glycol / Glycol										
Ethylene Oxide										
Fatty Acids										
Ferric Chloride										
Ferric Nitrate										
Ferric Sulfate										
Ferrous Chloride										





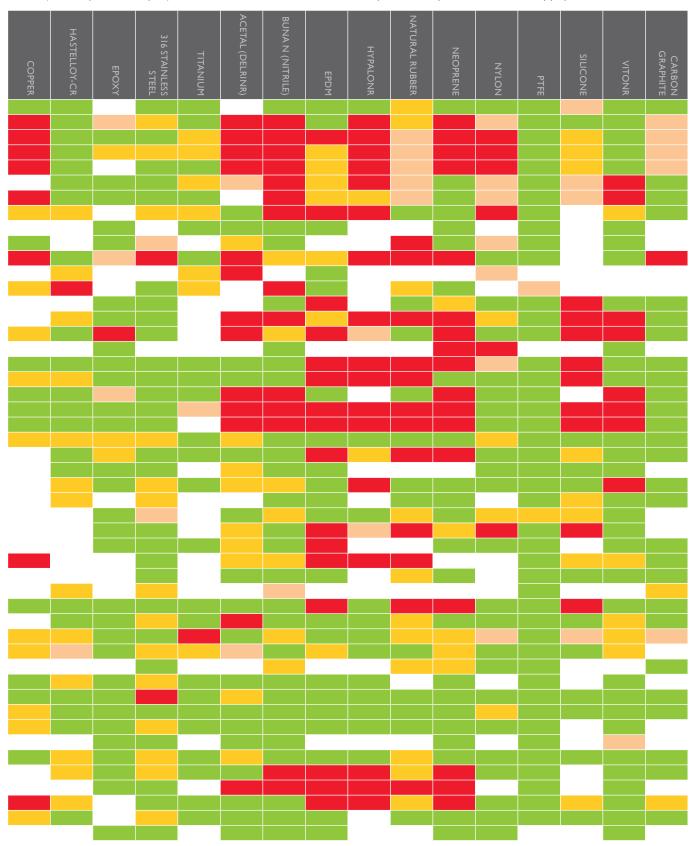
DE TO COLOUR CODING:										
Excellent chemical compatibility.										
Good compatibility with minor effect, slight corrosion or	discolora									
Not recommended with chemical having some moderate	effect, po	tentially car	using softe	ning, loss o	f strength	and swellin	g may occi			
Severe effect—not recommended for any use.							<u> </u>			
No data.										
				POLYPROPYLENE		₽			δ	
				.YPF		Ŗ			ARB	
				Ŷ		PVDF (KYNAR®)		뫄	CARBON STEEL	CAST IRON
		유	5	Ϋ́Ε		Ž	BR	BRONZE	TSI	
EMICAL	ABS	CPVC	LDPE	Ë	PVC	R®)	BRASS	ZE		º
ous Sulfate										
boric Acid										
rine										
silicic Acid										
naldehyde 100%										
naldehyde 40%										
nic Acid										
on 113										
on I2										
on 22										
on TF										
on II										
t Juice										
Oils										
n Resin		·								
ural										
ic Acid										
oline (high-aromatic)										
oline, leaded, ref.										
oline, unleaded										
ıtin										
cose										
e, P.V.A.		,								
erin										
col / Ethylene Glycol										
colic Acid										
d Monocyanide										
pe Juice										
ase										
tane										
ane										
ey										
raulic Oil (Petro)										
raulic Oil (Synthetic)										
razine										
robromic Acid 100%								l		
robromic Acid 20%										
rochloric Acid 100%										
rochloric Acid 20%										
rochloric Acid 37%										
rochloric Acid, Dry Gas										
rocyanic Acid										
rocyanic Acid (Gas 10%)										
rocyanic Acid (Gas 10%) rofluoric Acid 100%										
rofluoric Acid 100%										
rofluoric Acid 100% rofluoric Acid 20%										
rofluoric Acid 100% rofluoric Acid 20% rofluoric Acid 50%										
rofluoric Acid 100% rofluoric Acid 20%										





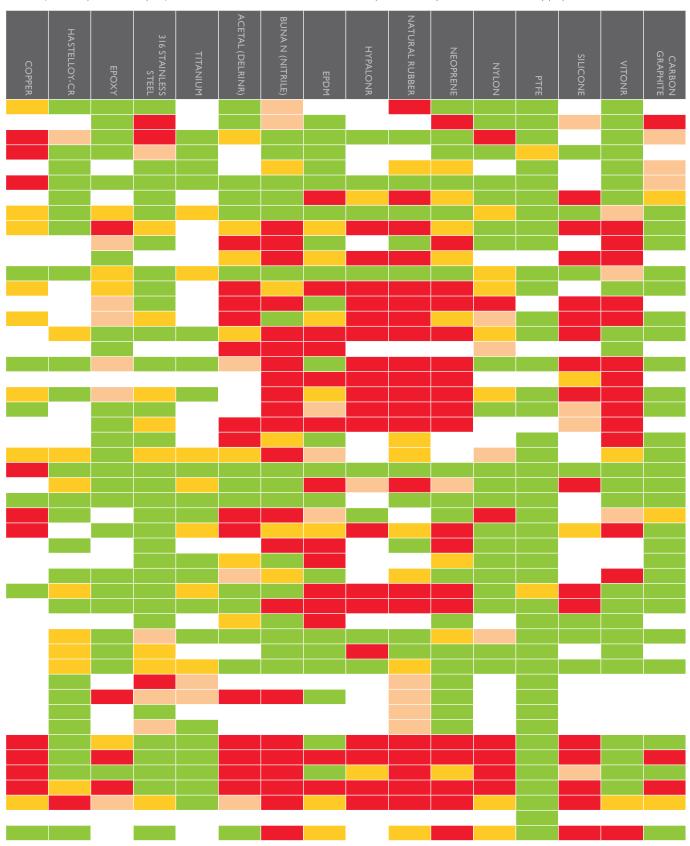
GUIDE TO COLOUR CODING:										
Excellent chemical compatibility.										
Good compatibility with minor effect, slight corr										
Not recommended with chemical having some m	oderate effect, po	tentially ca	using softe	ning, loss o	of strength :	and swellin	g may occı	ır.		
Severe effect-not recommended for any use.										
No data.			1	,						
				P						
				אראו		Ϋ́D			CAR	
				PRC				_	ВО	, C
		0	_	ΡΥΙ		Ž	B	3RO	Z S:	CASTIRON
CLIEMICAL	ABS	CPVC	LDPE	POLYPROPYLENE	PVC	PVDF (KYNAR®)	BRASS	BRONZE	CARBON STEEL	
CHEMICAL	Š	Ω	m	т	()	ے	S	т		4
Hydrogen Gas										
Hydrogen Peroxide 10%										
Hydrogen Peroxide 100%										
Hydrogen Peroxide 50%										
Hydrogen Peroxide 50%										
Hydrogen Sulfide (aqua) Hydrogen Sulfide (dry)										
Hydrogen suitide (dry) Hydroquinone										
Hydroxyacetic Acid 70%										
Ink				I						
Ink Iodine										
lodine (in alcohol)										
lodoform										
Isooctane										
Isopropyl Acetate										
Isopropyl Ether										
Isotane										
Jet Fuel (JP3, JP4, JP5)										
Kerosene		l								
Ketones										
Lacquer Thinners										
Lacquers										
Lactic Acid										
Lard										
Latex										
Lead Acetate										
Lead Nitrate										
Lead Sulfamate									l	
Ligroin										
Lime										
Linoleic Acid										
Lithium Chloride										
Lithium Hydroxide										
Lubricants										
Lye: Ca(OH)2 Calcium Hydroxide										
Lye: KOH Potassium Hydroxide										
Lye: NaOH Sodium Hydroxide										
Magnesium Bisulfate										
Magnesium Carbonate										
Magnesium Chloride										
Magnesium Hydroxide										
Magnesium Nitrate										
Magnesium Oxide										
Magnesium Sulfate (Epsom Salts)										
Maleic Acid										
Maleic Anhydride										
Malic Acid										ı
Manganese Sulfate										
Mash										





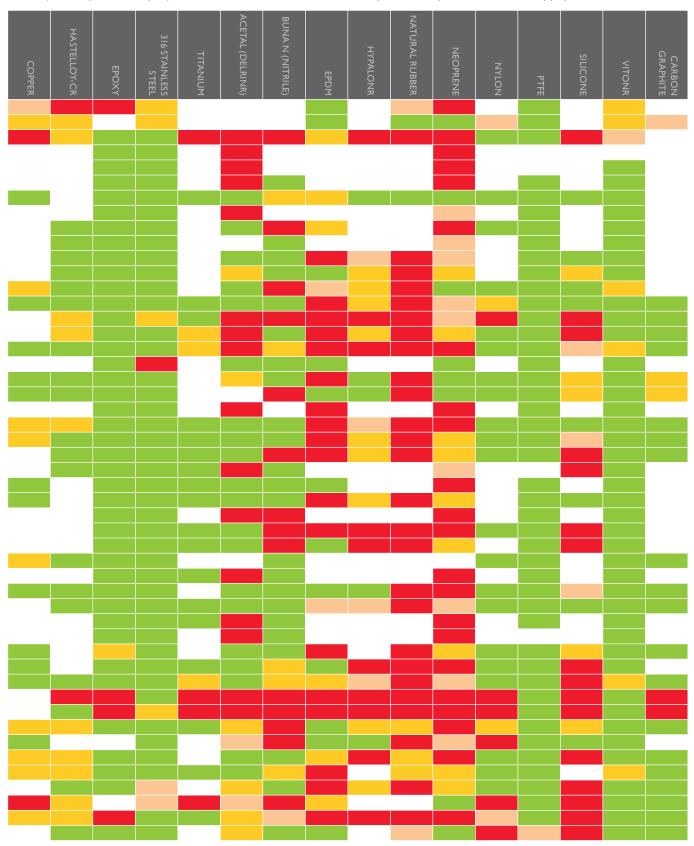
Excellent charginal compactibility										
Excellent chemical compatibility.										
Good compatibility with minor effect, slight corros										
Not recommended with chemical having some more	derate effect, po	tentially ca	using softe	ning, loss o	f strength	and swellin	g may occi	ır.		
Severe effect—not recommended for any use.										
No data.		1		1						
				PC						
				אבעו		Ϋ́D			CAR	
				) RO		Ψ ( <del>-</del>		m	ВО	CAS
			_	ΡΥΙ		Ž	무	3RO	Z Z	CAST IRON
SUEMICAL	ABS	СРУС	LDPE	POLYPROPYLENE	PVC	PVDF (KYNAR®)	BRASS	BRONZE	CARBON STEEL	ROJ
CHEMICAL Assertation	S	()	П	т	()	ತಿ	S	т		
1ayonnaise										
1elamine										
1 Accounts Counties										
1ercuric Cyanide 1ercurous Nitrate										
1ercury										
1ethane 1ethanol (Methyl Alcohol)										
1ethyl Acetate										
		1								
1ethyl Acetone 1ethyl Acrylate										
Nethyl Alcohol 10%										
1ethyl Bromide										
1ethyl Butyl Ketone										
1ethyl Cellosolve			ſ							
1ethyl Chloride										
1ethyl Dichloride										
1ethyl Ethyl Ketone										
1ethyl Ethyl Ketone Peroxide										
1ethyl Isobutyl Ketone										
1ethyl Isopropyl Ketone										
1ethyl Methacrylate										
1ethylamine		I								
1ethylene Chloride										
1ilk										
1ineral Spirits										
10lasses										
1onochloroacetic acid										
10noethanolamine										
1orpholine									l	
1otor oil										
1ustard										
Naphtha										
Naphthalene										
Natural Gas										
Nickel Chloride										
Nickel Nitrate										
Nickel Sulfate										
Nitrating Acid (<15% HNO3)										
Nitrating Acid (>15% H2SO4)										
Nitrating Acid (SI% Acid)										
Vitrating Acid (S15% H2SO4)										
Vitric Acid (20%)										
Vitric Acid (50%)										
Vitric Acid (5–10%)										
Nitric Acid (Concentrated)										
Vitrobenzene										
litrogen Fertilizer		<del>                                     </del>								





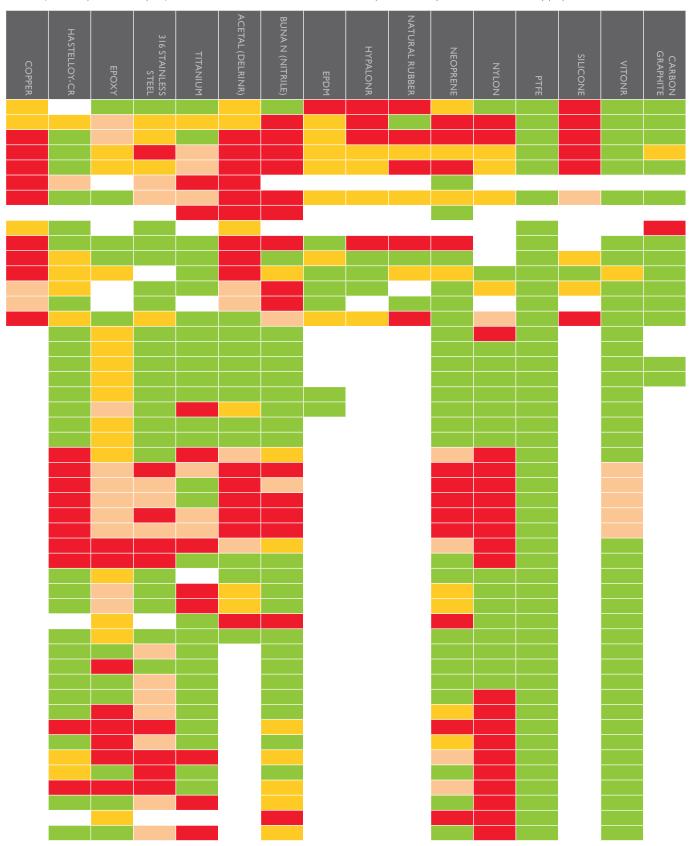
GUIDE TO COLOUR CODING:  Excellent chemical compatibility.										
Good compatibility with minor effect, slight corro										
Not recommended with chemical having some mo	derate effect, po	tentially ca	using softe	ning, loss o	of strength	and swellin	g may occi	ur.		
Severe effect—not recommended for any use.  No data.										
INO Udta.										
				РО		و			0	
				LYPI		VDF			ARE	
				ρ β		(K)		<u>В</u>	) Š	CASTIRON
		유	5	POLYPROPYLENE		PVDF (KYNAR®)	BRASS	BRONZE	CARBON STEEL	
CHEMICAL	ABS	СРУС	LDPE	Z m	PVC	R®)	SS	IZE	#	
Nitrous Acid										
Nitrous Oxide		_								
Oils:Aniline										
Oils:Anise										
Oils:Bay										
Oils:Bone										
Oils:Castor										
Oils:Cinnamon										
Oils:Citric										
Oils:Clove		1			i	1				
Oils:Coconut										
Oils:Cod Liver										
Oils:Corn								ı		
Oils:Cottonseed										
Oils:Creosote										
Oils:Diesel Fuel (20, 30, 40, 50)										
Oils:Fuel (1, 2, 3, 5A, 5B, 6)		l								
Oils:Ginger										
Oils:Hydraulic Oil (Petro)										
Oils:Hydraulic Oil (Synthetic) Oils:Lemon		ı								
Oils:Linseed										
Oils:Mineral										
Oils:Olive										
Oils:Orange										
Oils:Palm										
Oils:Peanut										
Oils:Peppermint										
Oils:Pine										
Oils:Rapeseed										
Oils:Rosin										
Oils:Sesame Seed										
Oils:Silicone										
Oils:Soybean										
Oils:Sperm (whale)										
Oils:Tanning			•							
Oils:Transformer										
Oils:Turbine										
Oleic Acid										
Oleum 100%										
Oleum 25%										
Oxalic Acid (cold)										
Ozone										
Palmitic Acid										
Paraffin										
Pentane										
Perchloric Acid										
Perchloroethylene										





GUIDE TO COLOUR CODING:										
Excellent chemical compatibility.										
Good compatibility with minor effect, slight corrosion	or discolora	tion.								
Not recommended with chemical having some modera	te effect, po	tentially ca	using softe	ning, loss c	of strength	and swellin	ıg may occı	ur.		
Severe effect-not recommended for any use.										
No data.										
				ъ						
				POLYPROPYLENE		PVI			CA	
				(PR		OF (			RBC	Ç
				ΟPY		XX		BRO	Ž	TS
		СРУС	LDPE	Ę,	P	PVDF (KYNAR®)	BRASS	BRONZE	CARBON STEE	CAST IRON
CHEMICAL	ABS	) À	PE	Æ	PVC	<u> </u>	SS	ZE	뿌	ž
Petroleum										
Phenol (10%)										
Phenol (Carbolic Acid)										
Phosphoric Acid (>40%)										
Phosphoric Acid (crude)										
Phosphoric Acid (molten)										
Phosphoric Acid (\$40%)										
Phosphoric Acid Anhydride										
Phosphorus									l	
Phosphorus Trichloride									ı	
Photographic Developer										
Photographic Solutions										
Phthalic Acid										
Phthalic Anhydride										
Picric Acid										
Antimony Plating I30°F										
Arsenic Plating 110°F									l	
Brass Plating: High-Speed Brass Bath 110°F									I	
Brass Plating: Regular Brass Bath 100°F										
Bronze Plating: Cu-Cd Bronze Bath R.T.										
Bronze Plating: Cu-Sn Bronze Bath 160°F										
Bronze Plating: Cu-Zn Bronze Bath 100°F										
Cadmium Plating: Cyanide Bath 90°F										
Cadmium Plating: Fluoborate Bath 100°F Chromium Plating: Barrel Chrome Bath 95°F										
Chromium Plating: Black Chrome Bath 115°F Chromium Plating: Chromic-Sulfuric Bath 130°F										
Chromium Plating: Fluoride Bath 130°F										
Chromium Plating: Fluosilicate Bath 95°F										
Copper Plating (Acid): Copper Fluoborate Bath 120°F										
Copper Plating (Acid): Copper Plating Bath 120 T										
Copper Plating (Cyanide): Copper Strike Bath 120°F										
Copper Plating (Cyanide): High-Speed Bath 180°F										
Copper Plating (Cyanide): Rochelle Salt Bath 150°F										
Copper Plating (Misc): Copper (Electroless)										
Copper Plating (Misc): Copper Pyrophosphate										
Gold Plating: Acid 75°F							I			
Gold Plating: Cyanide 150°F										
Gold Plating: Neutral 75°F										
ndium Sulfamate Plating R.T.										
ron Plating: Ferrous Am Sulfate Bath 150°F										
ron Plating: Ferrous Chloride Bath 190°F										
ron Plating: Ferrous Sulfate Bath 150°F										
ron Plating: Fluoborate Bath 145°F										
ron Plating: Sulfamate 140°F										
ron Plating: Sulfate-Chloride Bath 160°F										
Lead Fluoborate Plating										
Nickel Plating: Electroless 200°F										
Nickel Plating: Fluoborate 100-170°F										





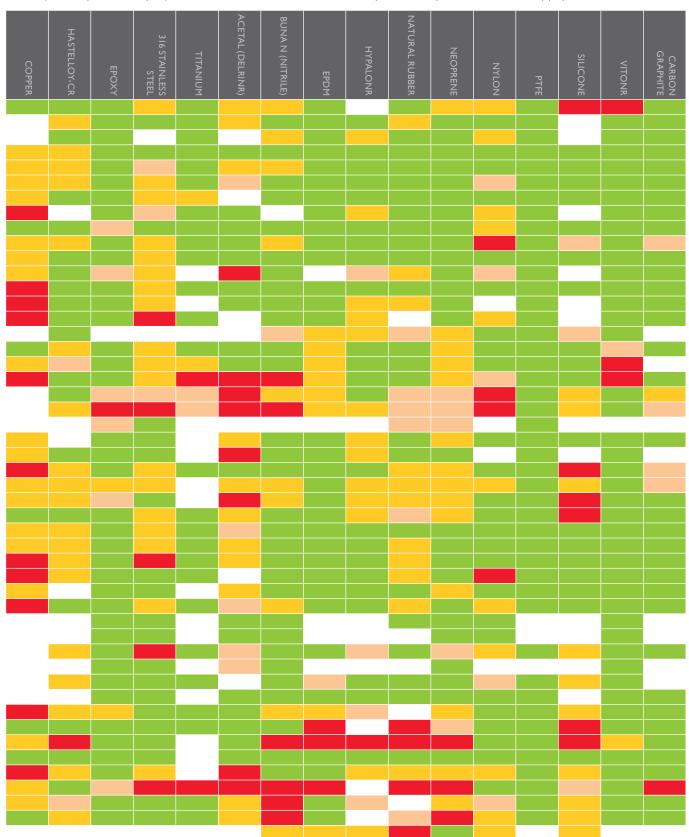
GUIDE TO COLOUR CODING:										
Excellent chemical compatibility.										
Good compatibility with minor effect, slight co	rrosion or discolora	tion.								
Not recommended with chemical having some			using softe	ening, loss o	of strength	and swellin	g may occi			
Severe effect—not recommended for any use.										
No data.										
				l "						
				POLYPROPYLENE		PV			Ç	
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				OΡγ		ΪΚΥ		BR	N N	CAST IRON
		СРVС	LDPE		₽	PVDF (KYNAR®)	BRASS	BRONZE	CARBON STEEL	l RC
CHEMICAL	ABS	)	ᇛ	<u></u>	PVC	<u></u>	SS	ZE	P P	Ž
Nickel Plating: High-Chloride 130–160°F										
Nickel Plating: Sulfamate 100–140°F										
Nickel Plating: Watts Type 115–160°F										
Rhodium Plating 120°F										
Silver Plating 80 – 120°F										
Tin-Fluoborate Plating 100°F										
Tin-Lead Plating 100°F										
Zinc Plating: Acid Chloride 140°F Zinc Plating: Acid Fluoborate Bath R.T.										
Zinc Plating: Acid Fluodorate Bath K.1.  Zinc Plating: Acid Sulfate Bath I50°F										
Zinc Flating: Acid Sunate Bath 150 F  Zinc Plating: Alkaline Cyanide Bath R.T.										
Potash (Potassium Carbonate)									l	
Potassium Bicarbonate										
Potassium Bromide										
Potassium Chlorate										
Potassium Chloride										
Potassium Chromate										
Potassium Cyanide Solutions										
Potassium Dichromate										
Potassium Ferricyanide										
Potassium Ferrocyanide										
Potassium Hydroxide (Caustic Potash)										
Potassium Hypochlorite										
Potassium Iodide										
Potassium Nitrate										
Potassium Oxalate										
Potassium Permanganate										
Potassium Sulfate										
Potassium Sulfide										
Propane (liquefied)										
Propylene										
Propylene Glycol										
Pyridine										
Pyrogallic Acid Resorcinal										
Rosins										
Rum										
Rust Inhibitors										
Salad Dressings										
Salicylic Acid										
Salt Brine (NaCl saturated)										
Sea Water										
Shellac (Bleached)										
Shellac (Orange)										
Silicone										
Silver Bromide										
Silver Nitrate										
Soap Solutions										
Soda Ash (see Sodium Carbonate)										





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Severe effect-not recommended for any use.										
No data.										
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				POLYPROPYLENE		PVI			CA	
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	ABS	CPVC	LDPE		PVC	PVDF (KYNAR®)	BRASS	BRONZE	CARBON STEEL	R
CHEMICAL	SS	n n	т	m	n n	<u> </u>	SS	127	1111	Z
Sodium Acetate										
Sodium Aluminate										
Sodium Benzoate										
Sodium Bicarbonate Sodium Bisulfate										
Sodium Bisulfite Sodium Borate (Borax)										
Sodium Bromide										
Sodium Carbonate										
Sodium Chlorate										
Sodium Chloride										
Sodium Chromate										
Sodium Cyanide										
Sodium Ferrocyanide									l	
Sodium Fluoride										
Sodium Hydrosulfite									,	
Sodium Hydroxide (20%) / Caustic Soda										
Sodium Hydroxide (50%) / Caustic Soda										
Sodium Hydroxide (80%) / Caustic Soda										
Sodium Hypochlorite (<20%)										
Sodium Hypochlorite (100%)										
Sodium Hyposulfate										
Sodium Metaphosphate										
Sodium Metasilicate										
Sodium Nitrate										
Sodium Perborate										
Sodium Peroxide										
Sodium Polyphosphate										
Sodium Silicate										
Sodium Sulfate										
Sodium Sulfide Sodium Sulfite										
Sodium Sumte Sodium Tetraborate										
Sodium Tetraborate  Sodium Thiosulfate (hypo)										
Sorghum										
Soy Sauce										
Stannic Chloride										
Stannic Fluoborate										
Stannous Chloride										
Starch										
Stearic Acid										
Stoddard Solvent										
Styrene										
Sugar (Liquids)			-							
Sulfate (Liquors)										
Sulfur Chloride										
Sulfur Dioxide										
Sulfur Dioxide (dry)										





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Severe effect-not recommended for any use.			8				6 .,			
No data.										
				POLYPROPYLENE		P			Ω.	
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		<u>유</u>	Б	) YLE		PVDF (KYNAR®)	BRASS	BRONZE	CARBON STEEL	ΓR
CHEMICAL	ABS	СРУС	LDPE	Z m	PVC	R®)	ASS	1ZE	₽	S S
Sulfur Trioxide										
Sulfur Trioxide (dry)										
Sulfuric Acid (<10%)										
Sulfuric Acid (10–75%)										
Sulfuric Acid (75–100%)										
Sulfuric Acid (cold concentrated)										
Sulfuric Acid (hot concentrated)										
Sulfurous Acid										
Sulfuryl Chloride										
Tallow										
Tannic Acid										
Tanning Liquors										
Tartaric Acid										
Tetrachloroethane										
Tetrachloroethylene										
Tetrahydrofuran										
Tin Salts										
Toluene (Toluol)										
Tomato Juice										
Trichloroacetic Acid										
Trichloroethane										
Trichloroethylene										
Trichloropropane										
Tricresylphosphate										
Triethylamine										
Trisodium Phosphate										
Turpentine										
Urea										
Uric Acid										
Urine										
Varnish										
Vegetable Juice										
Vinegar										
Vinyl Acetate										
Vinyl Chloride				_						
Water, Acid, Mine										
Water, Deionized										
Water, Distilled										
Water, Fresh										
Water, Salt										
Weed Killers										
Whey										
Whiskey & Wines										
White Liquor (Pulp Mill)										
White Water (Paper Mill)										
Xylene										
Zinc Chloride										
Zinc Hydrosulfite										
Zinc Sulfate										





CODE	PAGE	PRODUCT
VCI	7	Ball, Full Bore / Brass Nickel Plated / Screwed BSP Female
VC2	8	Ball / Brass Nickel Plated / BSP Female / Butterfly Handle
VC3	7	Ball, Full Bore / Brass Nickel Plated / Screwed NPT Female
VC4	7	Ball, Full Bore / Brass Nickel Plated / Screwed BSP Male/Female
VC5	8	Ball, Full Bore / Brass Nickel Plated / BSP Male/Female / Butterfly Handle
VC6	10	Ball, Full Bore / Brass Nickel Plated / BSP Female / Gas & WRAS Approved
VC7	П	Ball, Full Bore / Brass Nickel Plated / BSP Female / Gas & WRAS Approved
VC8	12	Ball Full Bore / Brass Nickel Plated / BSP Male / Gas & WRAS Approved
VC9	П	Ball, Full Bore / Brass Nickel Plated / BSP Male/Female / Gas & WRAS Approved
VCI0	12	Ball, Full Bore / Brass Nickel Plated / BSP Male/Female / Butterfly Handle, Gas & WRAS
VCII	9	3-way Ball, Reduced Bore / Brass Nickel Plated / Screwed BSP Female
VCI2	8	Ball, Full Bore / Brass Nickel Plated / Screwed BSP Male/Male
VCI3	9	Ball, Full Bore / Brass Nickel Plated / BSP Male/Male / Butterfly Handle
VCI4	9	Ball / Brass Nickel Plated / BSP Female / ISO Pad
VCI5	10	Ball, 3-way, Red Bore / Brass Nickel Plated / BSP Female / ISO Pad
VCI6	10	
VCI7	11	Ball, Full Bore / Brass Nickel Plated / BSP Female / Gas Approved  Ball, Full Bore / Brass Nickel Plated / BSP Female / Lockable
VCI8	12	Ball, Full Bore, 2-piece / Bronze, S/S Ball / Screwed BSP Female
VCI9	13	Ball, Full Bore, 2-piece / Bronze, S/S Ball / Screwed NPT Female
VC20	13	Ball, 2-piece, Full Bore / Bronze, Chromed Brass Ball / Screwed BSP
VC2I	13	Ball, 2-piece, Full Bore / Bronze, Stainless Steel Ball and Stem / Flanged PN16
VC22	14	Ball, I-Piece, Reduced Bore / Stainless Steel / Screwed BSP
VC23	14	Ball, 2-piece, Full Bore / Stainless Steel / Screwed BSP
VC24	14	Ball, 2-piece, Full Bore / Stainless Steel / Screwed NPT
VC25	17	Ball, 2-piece, Full Bore / Stainless Steel / BSP / Spring Close Lever
VC26	15	Ball, 2-piece, Full Body / Stainless Steel / Screwed BSP Male/Female
VC27	15	Ball, 3-piece, Full Bore / Stainless Steel / Screwed BSP
VC28	16	Ball, 3-piece, Full Bore, Bareshaft / Stainless Steel / BSP / ISO Pad
VC29	18	Ball, Full Bore, 2-piece / Stainless Steel / Flanged PN16
VC30	19	Ball, Full Bore, 2-piece Direct Mount / Stainless Steel / Flanged PN16
VC3I	19	Ball, Full Bore, 2-piece / Stainless Steel / Flanged ANSI 150
VC32	18	Ball, Wafer, Full Bore, -20 to +210 Deg C / Stainless Steel / PN16 Or ANSI 150
VC33	16	Ball, 3-way, Reduced Bore / Stainless Steel / Screwed BSP
VC34	19	Ball, 3-way / Stainless Steel / Flanged PN16
VC35	20	Ball, 3-way / Stainless Steel / Flanged ANSI 150
VC36	17	Ball, Full Bore, 210 Bar / Stainless Steel / Screwed BSP
VC37	17	Ball, Full Bore, -20 to +210 Deg C / Stainless Steel / Screwed BSP
VC38	18	Ball, 3-piece, Full Bore, -20 to +175 Deg C / Stainless Steel / BSP / NPT / Socket Weld
VC39	20	Ball / Ductile Iron, Chromed Ball / Flanged PN16
VC40	21	Ball / Ductile Iron, S/S Ball / Flanged PN16
VC4I	20	Ball, Wafer / Cast Iron, S/S Ball / Flanged PN16
VC42	21	Ball, Full Bore, 210 Bar / Carbon Steel A105, Stainless Steel Trim / Screwed BSP
VC43	22	Ball, Full Bore, -20 to +210 Deg C / Carbon Steel A105, Stainless Steel Trim / Screwed BSP
VC44	22	Ball, 3-piece, -20 to +175 Deg C / Carbon Steel, Stainless Steel Trim / Screwed BSP
VC45	24	Ball, Full Bore / Carbon Steel / Flanged PN16
VC46	24	Ball, Full Bore / Carbon Steel / Flanged PN40
VC47	24	Ball, Full Bore / Carbon Steel / Flanged ANSI 150
VC48	25	Ball, Full Bore / Carbon Steel / Flanged ANSI 300
VC49	22	Ball, Wafer Pattern / Carbon Steel, Brass Ball / Flanged PN16
VC50	23	Ball, Wafer Pattern / Carbon Steel, Stainless Steel Ball / Flanged PN16
VC5I	23	Ball, Wafer Pattern / Carbon Steel, Stainless Steel Ball / Flanged ANSI 150
VC52	23	Ball, Wafer Pattern / Carbon Steel, Stainless Steel Ball / Flanged PN40
VC53	39	Butterfly, Wafer Pattern / Ductile Iron, Epoxy Coated / Nickel Plated Ductile Iron
VC54	39	Butterfly, Wafer Pattern / Ductile Iron, Epoxy Coated / Stainless Steel
VC55	39	Butterfly, Wafer Pattern / Ductile Iron, Epoxy Coated / Stainless Steel
VC56	40	Butterfly, Lugged & Tapped / Ductile Iron Epoxy Coated / Stainless Steel
VC56 VC57	40	
		Butterfly, Lugged & Tapped / Ductile Iron Epoxy Coated / Stainless Steel
VC58	40	Butterfly, Wafer Type Multi-Flanged / Ductile Iron / Epoxy Coated Disc
VC59	41	Butterfly, Wafer Type Multi-Flanged / Ductile Iron / Epoxy Coated Disc
VC60	41	Butterfly, Wafer Type Multi-Flanged / Ductile Iron / Stainless Steel
VC61	41	Butterfly, Wafer Type Multi-Flanged / Ductile Iron / Stainless Steel
VC62	42	Butterfly, Wafer Type Multi-Flanged / Aluminium Epoxy Coated / Brass Up to 4", Epoxy Coated Up to 8"
VC63	44	Butterfly, Wafer Pattern / Stainless Steel
VC64	67	Gate / Brass / Screwed BSPT

CODE	PAGE	PRODUCT
VC65	67	Gate / Brass / Screwed NPT Female
VC66	67	Gate / Brass / Screwed BSPT Female / Lockshield
VC67	68	Gate / Bronze / Flanged Available In PN6, PN10, PN16, ANSI 150 and Table D/E
VC68	68	Gate / Bronze LG2 / Screwed BSP
VC69	68	Gate / Bronze / Screwed BSP Female / Lockshield
VC70	69	Gate / Stainless Steel / Screwed BSP Female
VC7I	70	Gate / Stainless Steel / Flanged PN16
VC72	70	Gate / Stainless Steel / Flanged ANSI 150
VC73	70	Gate / Cast Iron / Flanged PN10/16
VC74	72	Gate / Cast Iron / Flanged ANSI I50
VC75	72	Gate BS 5150 / Cast Iron / Flanged PN16
VC76	72	Gate / Cast Iron / Flanged Table E
VC77	73	Gate / Cast Iron / Flanged Table D
VC78	71	Gate BS 5163 / Cast Iron Epoxy Coated / Flanged PN16
VC79	73	
		Gate BS 5163 / Ductile Iron, Epoxy Coated / Flanged PN10/16
VC80	71	Gate DIN 3352 / Ductile Iron, Epoxy Coated / Flanged PN16
VC8I	71	Gate / Cast Iron / Flanged PNI0/16
VC82	74	Gate / Forged Steel A105 / Screwed BSP Female
VC83	75	Gate / Cast Steel (WCB) / Flanged ANSI 150
VC84	77	Globe / Bronze / Screwed BSP Female
VC85	79	Globe Angle Pattern / Bronze / Flanged PN16
VC86	79	Globe Angle Pattern SDNR / Bronze / Flanged PN16
VC88	77	Globe SDNR / Bronze / Screwed BSP Female
VC89	78	Globe SDNR / Bronze / Flanged PN16
VC90	78	Globe / Bronze / Flanged PN16
VC9I	79	Globe / Bronze / Flanged Table F
VC92	77	Globe / Bronze LG2 / Screwed BSP Female
VC93	78	Globe / Bronze / Screwed BSPT Female / PN32
VC94	80	Globe / Stainless Steel / Screwed BSP Female
VC95	80	Globe / Stainless Steel / Flanged PN16
VC96	80	Globe / Stainless Steel / Flanged ANSI 150
VC97	81	Globe / Cast Iron / Flanged PN16
VC98	81	Globe SDNR / Cast Iron / Flanged PN16
VC99	81	Globe Bellow Seal Type / Cast Iron / Flanged PN16
VC100	82	Globe Angle Pattern / Cast Iron / Flanged PN16
VCI0I	82	Globe / Forged Steel A105 / Screwed BSP Female
VC102	82	Globe / Cast Steel WCB / Flanged ANSI 150 RF
VC103	83	Globe / Cast Steel / Flanged PN25/40
VC104	84	Globe SDNR / Cast Steel / Flanged PN25/40
VC105	84	Globe Bellow Seal / Cast Steel / Flanged PN25/40
VC106	84	Globe Angle Pattern / Cast Steel / Flanged PN25/40
VC107	21	Ball 3-way / Cast Iron, S/S Ball / Flanged PN16
VC108	104	Swing Check / Brass / Screwed BSP Female / Metal Seat
VC109	104	Swing Check / Brass / Screwed BSP Female
VCII0	103	Spring Check / Brass / Screwed BSP Female / Nbr / Polyacetol Disc
VCIII	104	Spring Check / Brass / Screwed BSP Female/Male
VCIII	103	Spring Check / Brass / Screwed BSP Female / Nbr / Acetol Disc
VCII2	103	Spring Check / Brass / Screwed BSP Female / Viton / Metal Disc
VCII4	105	
VC114 VC115	106	Swing Check / Bronze / Screwed BSP Female / Metal Seat
		Horizontal Lift Check / Bronze / Screwed BSP Female / PTFE Disc
VCII7	107	Wafer Type Spring Check / Bronze / to Suit PN6-PN16 Flanges 1/2"-3", PN10/16 Flanges 4"
VCII7	106	Swing Check / Bronze / Screwed BSP Female
VCII8	106	Horizontal Lift Check / Bronze / Screwed BSP Female
VCI19	105	Vertical Lift Check / Bronze / Screwed BSP Female
VCI20	107	Swing Check / Bronze / Flanged PN16
VCI2I	110	Swing Check / Cast Iron Epoxy Coated / Flanged PN16
VCI22	III	Swing Check With Outside Lever and Weight / Cast Iron Epoxy Coated / Flanged PN16
VC123	111	Swing Check BS5153 / Cast Iron Epoxy Coated / Flanged PN16 / WRAS Approved
VCI24	III	Swing Check BS5153, Outside Lever & Weight / Cast Iron Epoxy Coated / Flanged PN16 / WRAS Approved
VCI25	112	Dual Plate Check / Cast Iron Epoxy Coated / to Suit PN16 Flanges
VCI26	112	Swing Check / Cast Iron Body / Flanged PNI6 / DIN3202
VCI27	108	Swing Type Check / Stainless Steel / Screwed BSP Female
VCI28	109	Swing Type Check, Wafer Type / Stainless Steel / to Suit PN10, PN16, ANSI 150* Flanges / Epdm
VCI29	109	Spring Type Check, Wafer Type / S/S / Multi Flange With Locating Lugs to Suit PN10, PN16, ANSI 150* Flanges / NBR

CODE	PAGE	PRODUCT
	110	Spring Check Wafer Type / Stainless Steel / Wafer Type to Suit 1/2"-3"PN6/PN40, 4"PN10/40, ANSI 150*
CI3I	110	Dual Plate Check / Stainless Steel / to Suit PNI0/16
C132	107	Spring Check / Stainless Steel / Screwed BSP Female
C133	108	Swing Check / Stainless Steel / Flanged PN16
/C134	109	Swing Check / Stainless Steel / Flanged ANSI I50 RF
/C135	108	High Pressure Check / Stainless Steel / Screwed BSP Female
/C136	114	Piston Check / Forged Steel A105 / Screwed BSP Female
/C137	115	Swing Check / Cast Steel WCB / Flanged ANSI 150 RF
/C138	105	Y-Type Check / Brass, Stainless Steel Disc / Screwed BSP Female
/C139	173	Y-Type Strainer / Brass / Screwed BSP Female
/C140	173	Y-Type Strainer / Bronze / Screwed BSP Female
/C141	173	Y-Type Strainer / Bronze / Flanged PN16
/C142	175	Y-Type Strainer / Cast Iron / Flanged PN16
/C143	175	Y-Type Strainer / SG Iron / Screwed BSP Female
/C144	174	Y-Type Strainer / Stainless Steel / Screwed BSP Female
/C145	174	Y-Type Strainer / Stainless Steel / Flanged PN16
C146	174	Y-Type Strainer / Stainless Steel / Flanged ANSI 150 RF
C147	175	Y-Type Strainer / Cast Steel / Flanged PN25/40
C148	115	Swing Check Wafer Type / Carbon Steel, Zinc Plated / to Suit PNI0/16 Flanges
C149	115	Spring Check Wafer Type / Carbon Steel / Multi Flange With Locating Lugs to Suit PN6, PN10, PN16 ANSI 150
/C150	114	Lift Type Check / Cast Steel / Flanged PN25/40
/C152	97	Knife Gate, Unidirectional / Cast Iron, Stainless Steel Blade / to Suit PN10/16 Flanges / Handwheel
/C153	97	Knife Gate, Unidirectional / Cast Iron, Stainless Steel Blade / to Suit PN10/16 Flanges / Double Acting Pneumatic Actuator
	97	
C154		Knife Gate, Unidirectional / Cast Iron, Stainless Steel Blade / to Suit PNIO/16 Flanges / Lever Operated
C155	98	Knife Gate, Unidirectional / Cast Iron, Stainless Steel Blade / to Suit PN10/16 Flanges / Actuator Topworks
/C156	98	Knife Gate, Unidirectional / Stainless Steel, Stainless Steel Blade / to Suit PN10/16 Flanges / Handwheel
/C157	99	Knife Gate, Unidirectional / Stainless Steel, Stainless Steel Blade / to Suit PN10/16 Flanges / Double Acting Pneumatic
/C158	99	Knife Gate, Unidirectional / Stainless Steel, Stainless Steel Blade / to Suit PN10/16 Flanges / Actuator Not Included
/C159	98	Knife Gate, Unidirectional / Stainless Steel, Stainless Steel Blade / to Suit PN10/16 Flanges / Lever
/C160	145	Spring Safety Relief / Brass / Screwed BSP Male
/C161	145	Spring Safety Relief / Brass/Bronze / Screwed BSP Female
/C162	146	Spring Safety Relief / Brass/Bronze / Screwed BSP Female
/C163	146	Spring Safety Relief / Brass/Bronze / Screwed BSP Female
/C164	147	Spring Safety Relief / Brass/Bronze / Flanged PN16, Other Drillings Available
/C165	159	Double Regulating Fixed Orifice / Brass / Screwed BSP Female
/C166	159	Double Regulating Variable Orifice / DZR Brass / Screwed BSP Female
/C167	160	Double Regulating Variable Orifice / Cast Iron / Flanged PN16
/C168	169	Solenoid 2/2 Way Normally Closed / Brass / Screwed BSP Female
/C169	169	Solenoid 2/2 Way Normally Closed / Brass / Screwed BSP Female
/C170	169	Solenoid 2/2 Way Normally Open / Brass / Screwed BSP Female
/C171	170	Solenoid 2/2 Way Normally Closed / Brass / Screwed BSP Female
/C172		Solenoid 2/2 Way Normally Closed / Brass / Screwed BSP Female
	170	·
/C173	25	Pneumatic Actuated Ball / Brass Nickel Plated / BSP Female / Double Acting
C174	26	Pneumatic Actuated Ball / Brass Nickel Plated / BSP Female / Spring Return
C175	26	Electric Actuated Ball / Brass Nickel Plated / Screwed BSP Female
/C176	26	Pneumatic Actuated Ball 3-way / Brass Nickel Plated / BSP Female / Double Acting
/C177	27	Pneumatic Actuated Ball 3-way / Brass Nickel Plated / BSP Female / Spring Return
/C178	27	Pneumatic Actuated Ball / Stainless Steel / BSP Female / Double Acting
/C179	27	Pneumatic Actuated Ball / Stainless Steel / BSP Female / Spring Return
/C180	28	Electric Actuated Ball 3-piece / Stainless Steel / Screwed BSP Female
/C181	28	Pneumatic Actuated Ball 3-way / Stainless Steel / BSP Female / Double Acting
/C182	28	Pneumatic Actuated Ball 3-way / Stainless Steel / BSP Female / Spring Return
C183	33	Pneumatic Actuated Ball / Cast Iron, Chrome Ball / Flanged PN16 / Double Acting
C184	33	Pneumatic Actuated Ball / Cast Iron, Chrome Ball / Flanged PN16 / Spring Return
C185	33	Electric Actuated Ball / Cast Iron, Chrome Ball / Flanged PN16
C186	33	Electric Actuated Ball / Cast Iron, S/S Ball / Flanged PN16
C187	32	Electric Actuated Ball 3-way / Cast Iron, S/S Ball / Flanged PN16
C187	32	
		Pneumatic Actuated Ball 3 way / Cast Iron, S/S Ball / Flanged PN16 / Double Acting
C189	32	Pneumatic Actuated Ball 3-way / Cast Iron, S/S Ball / Flanged PN16 / Spring Return
C190	29	Pneumatic Actuated Ball / Stainless Steel / Flanged PN16 / Double Acting
/C191	29	Pneumatic Actuated Ball / Stainless Steel / Flanged PN16 / Spring Return
/C192	29	Pneumatic Actuated Ball / Stainless Steel / Flanged ANSI 150 / Double Acting
VC193	30	Pneumatic Actuated Ball / Stainless Steel / Flanged ANSI 150 / Spring Return
VC194	30	Electric Actuated Ball / Stainless Steel / Flanged PN16

CODE	PAGE	PRODUCT
VC195	31	Pneumatic Actuated Ball 3-way / Stainless Steel / Flanged PNI6 / Double Acting
VC196	31	Pneumatic Actuated Ball 3-way / Stainless Steel / Flanged PNI6 / Spring Return
VC197	31	Electric Actuated Ball 3-way / Stainless Steel / Flanged PN16, ANSI 150 Available
VC198	45	Pneumatic Butterfly, Wafer / Ductile Iron / Stainless Steel / Double Acting
VC199	46	Pneumatic Butterfly, Wafer / Ductile Iron / Stainless Steel / Spring Return
VC200	46	Electric Actuated Butterfly, Wafer Pattern / Ductile Iron / Stainless Steel
VC201	46	Pneumatic Butterfly, Lugged / Ductile Iron / Stainless Steel / Double Acting
VC202	47	Pneumatic Butterfly, Lugged / Ductile Iron / Stainless Steel / Spring Return
VC203	47	Electric Actuated Butterfly, Fully Lugged / Ductile Iron / Stainless Steel
VC204	49	Diaphragm Weir Type Unlined / Ductile Iron / Screwed BSP Female
VC205	49	Diaphragm Weir Type Unlined / Ductile Iron / Flanged PN10/16
VC206	49	Diaphragm Weir Type Hard Rubber Lined / Ductile Iron / Flanged PN10/16
VC207	50	Diaphragm Straight Through Type Unlined / Ductile Iron / Flanged PN10/16
VC208	50	Diaphragm Straight Through Type Hard Rubber Lined / Ductile Iron / Flanged PN10/16
VC209	146	Safety Relief / Bronze / Screwed BSP Male/Female
VC210	147	Safety Relief / Bronze / Screwed NPT Male/Female
VC2II	145	Safety Relief / Bronze / Screwed BSP Male/Female, NPT Available
VC211	150	Safety Relief / Stainless Steel / Screwed BSP Male/Female, NPT Available
VC212	150	Safety Relief / Stainless Steel / Flanged PN16/25
VC214		,
	151	Safety Relief / Stainless Steel / Flanged PN63
VC215	150	Safety Relief / Stainless Steel / Flanged PN40
VC216	151	Safety Relief / Stainless Steel / Flanged PN100
VC217	151	Safety Relief / Stainless Steel / Flanged ANSI 150 RF
VC218	152	Safety Relief / Stainless Steel / Flanged ANSI 300 RF
VC219	152	Safety Relief / Stainless Steel / Flanged ANSI 600 RF
VC220	155	Safety Relief / Nodular Iron / Flanged PN16/25
VC22I	152	Safety Relief / Carbon Steel / Screwed BSP Male/Female, NPT Available
VC222	154	Safety Relief / Carbon Steel / Flanged PN40
VC223	154	Safety Relief / Carbon Steel / Flanged PN63
VC224	154	Safety Relief / Carbon Steel / Flanged PN100
VC225	153	Safety Relief / Carbon Steel / Flanged ANSI 150 RF
VC226	153	Safety Relief / Carbon Steel / Flanged ANSI 300 RF
VC227	153	Safety Relief / Carbon Steel / Flanged ANSI 600 RF
VC228	35	Rubber Expansion Joint / Epdm With Galvanised Steel Flanges / Flanged PN10/16
VC229	36	Rubber Expansion Joint / Nitrile With Galvanised Steel Flanges / Flanged PN10/16
VC230	36	Tied Rubber Expansion Joint / Epdm With Zinc Plated Carbon Steel Oval Flanges / Flanged PN10/16
VC23I	35	Rubber Expansion Joint / Epdm With Galvanised Malleable Iron Threaded Adaptor / Screwed BSP Female
VC232	35	Rubber Expansion Joint / Nitrile With Cast Iron Threaded Adaptor / Screwed BSP Female
VC233	165	Sight Glass / Bronze With Pirex Dome / Screwed BSP Female
VC234	165	Sight Glass / Bronze With Single Glass Inspection Window / Screwed BSP Female
VC235	165	Sight Glass / Bronze With Glass Dome / Screwed BSP Female
VC236	166	Sight Glass / Bronze With Double Glass Inspection Window / Screwed BSP Female
VC237	166	Sight Glass / Bronze With Double Glass Inspection Window / Screwed BSP Female
VC238	166	Sight Glass / Bronze With Double Glass Inspection Window / Flanged PN16
VC239	167	Sight Glass / Cast Iron With Double Glass Inspection Window / Flanged PN16
VC240	167	Sight Glass / Cast Steel With Double Glass Inspection Window / Flanged PN16
VC24I	167	Sight Glass / Stainless Steel With Double Glass Inspection Window / Flanged PN16
VC242	113	Ball Check / Cast Iron Epoxy Coated / Flanged PNI0
VC243	113	Ball Check / Cast Iron Epoxy Coated / Screwed BSP Female
VC244	113	Disc Check / Cast Iron Epoxy Coated / Flanged PNi6
VC245	160	Air Release, Single Float / Ductile Iron Body / Flanged PN16
VC246	161	Air Release, Double Float / Ductile Iron Body / Flanged PN16
VC247	141	2-way Plug Cock / Bronze / Screwed BSP Female
VC248	141	3-way Plug Cock / Bronze / Screwed BSP Female
VC249	141	2-way Plug Cock / Cast Iron / Flanged PN16
VC250	142	3-way Plug Cock / Cast Iron / Flanged PN16
VC251	121	Socket Pinch / Black Pom / Screwed BSP Female
VC251	122	Pinch / Aluminium / Flanged PN10/16
VC252	101	Needle / Stainless Steel / Screwed BSP Female
VC253	101	Needle / Stainless Steel / Screwed BSP Female  Needle / Stainless Steel / Screwed BSP Male/Female
VC254 VC255	155	
		Pressure Reducing / Brass / Screwed BSP Female Union Ends  Procesure Reducing / Brass Nickel Plated / Screwed BSP Female
VC256	155	Pressure Reducing / Brass Nickel Plated / Screwed BSP Female
VC257	156	Pressure Reducing / Brass / Screwed BSP Female
VC258	158	Pressure Reducing / Ductile Iron / Flanged PN16/25

CODE	PAGE	PRODUCT
VC259	157	Pressure Reducing / Ductile Iron / Flanged PN16/25
VC260	158	Pressure Reducing / Ductile Iron / Flanged PN16/25
VC261	117	Parallel Slide / Cast Iron / Can Be Drilled to Suit PN6/10/16, ANSI 150, Table D/E, JIS 5K/10K
VC262	117	Parallel Slide / Cast Steel / Can Be Drilled to Suit PNI0/16, ANSI 150, Table D/E, JIS 5K/10K
VC263	117	Parallel Slide / Cast Steel / Can Be Drilled to Suit PN10/16/25/40, ANSI 150/300, Table D/E/F/H, JIS 5K/10K/16K
VC264	118	Parallel Slide / Cast Steel / Flanged ANSI 150
VC265	118	•
		Parallel Slide / Cast Steel / Flanged ANSI 300
VC266	53	Dry Riser / Bronze / Flanged Table D
VC267	53	Dry Riser / Bronze / Flanged PN16
VC268	53	Dry Riser / Bronze / Screwed BSP
VC269	54	Wet Riser Oblique Pattern / Bronze / Flanged Table D
VC270	54	Wet Riser Oblique Pattern / Bronze / Flanged PNI6
VC27I	54	Wet Riser Right Angle Pattern / Bronze / Flanged Table D
VC272	55	Wet Riser Right Angle Pattern / Bronze / Flanged PN16
VC273	55	Wet Riser Horizontal Pattern / Bronze / Flanged Table D
VC274	55	Wet Riser Horizontal Pattern / Bronze / Flanged PN16
VC275	56	Wet Riser Bib Nose Pattern / Bronze / Flanged Table D
VC276	56	Wet Riser Bib Nose Pattern / Bronze / Flanged PN16
VC277	148	Proportional Lift Relief / Bronze / Screwed BSP Male X Female
VC278	148	Proportional Lift Relief / Bronze / Screwed BSP Male X Female
VC279	149	Proportional Lift Relief / Bronze / Screwed BSP Male X Female
VC280	149	·
		Proportional Lift Relief / Bronze / Screwed BSP Male X Female
VC281	149	High Lift Safety / Bronze / Screwed BSP Male X Female
VC282	147	Proportional Lift Relief / Stainless Steel / Screwed BSP Male X Female
VC283	148	Proportional Lift Relief / Stainless Steel / Screwed BSP Male X Female
VC284	3	Float Valve, High Pressure / Brass / Screwed BSP
VC285	3	Float Valve, High Pressure / Brass / Screwed BSP
VC286	3	Equilibrium Float Valve / Gunmetal / Screwed BSP
VC287	4	Equilibrium Float Valve / Gunmetal / Screwed BSP
VC288	4	Float Valve / Stainless Steel / Screwed BSP Male
VC289	4	Float Valve, Straight / Cast Iron / Flanged PN16
VC290	114	Wall Mounted Double Hinged Flap / Ductile Iron / Bronze Seat, Ptfe Bushings
VC29I	42	Butterfly Wafer Pattern / Cast Iron Epoxy Coated / Stainless Steel
VC292	43	Butterfly Lugged Pattern / Cast Iron Epoxy Coated / Stainless Steel
VC293	42	Butterfly Wafer Pattern / Cast Iron Epoxy Coated / Aluminium Bronze
VC294	43	Butterfly Lugged Pattern / Cast Iron Epoxy Coated / Aluminium Bronze
VC295	43	Butterfly Wafer Pattern / Cast Iron Epoxy Coated / Stainless Steel
VC296	44	Butterfly Lugged Pattern / Cast Iron Epoxy Coated / Stainless Steel
VC297	178	Pneumatic Actuated Ball / Stainless Steel / PN16/40 Inlet, Slotted Outlet to Suit ANSI 150, Table H, PN16/40
VC277	180	Pressure Relief / Stainless Steel / Screwed BSP
VC299	181	Pressure Relief / Stainless Steel / Screwed BSP
VC300	181	Vacuum Relief / Stainless Steel / Screwed BSP
VC301	181	Pressure/Vacuum Relief / Stainless Steel / Screwed BSP
VC302	182	Pressure/Vacuum Super Maxi Emergency Relief / Stainless Steel / Screwed BSP
VC303	91	Butterfly, Hygienic / Stainless Steel / RJT, IDF, ILC / Plastic Lever / Viton / Lever
VC304	180	90 Deg Lever Footvalve / Stainless Steel / Inlet Flanged 3 1/2"ANSI 150, Outlet Flanged 3"PN10/40
VC305	180	0 Deg Pneumatic Footvalve / Stainless Steel / Inlet Flanged 5"PN16, Outlet Flanged 4"PN10/16/40
VC306	91	Butterfly, Hygienic / Stainless Steel / RJT, IDF, ILC / Plastic Lever / Nitrile / Lever
VC307	92	Butterfly, Hygienic / Stainless Steel / RJT, IDF, ILC / Plastic Lever / Silicone / Lever
VC308	92	Butterfly, Hygienic / Stainless Steel / RJT, IDF, ILC / Bareshaft / Epdm / Bareshaft
VC309	177	Ball / Stainless Steel / Inlet Flanged With 6 Holes On 168mm Pcd, 3"BSp Outlet
VC310	177	Ball, Slotted 4 Hole Outlet / S/S / Inlet Flanged
VC311	177	Ball, Full Bore / Stainless Steel / PN16/40 Inlet, Slotted Outlet to Suit ANSI 150, Table H, PN16/40
VC312	178	Tanker Butterfly / Stainless Steel / Weld Inlet, BSP Outlet
VC312	178	Butterfly / Stainless Steel / Clamped
VC314	179	Pneumatic Actuated Butterfly / Stainless Steel / Clamped
VC316	179	Butterfly / Stainless Steel / TW80/TW100 Flanged
VC317	179	Butterfly / Stainless Steel / PN16/40 Inlet, Slotted Outlet to Suit ANSI 150, Table H, PN16/40
VC319	93	Butterfly, Hygienic / Stainless Steel / RJT, IDF, ILC / Bareshaft / Viton / Bareshaft
VC320	93	Butterfly, Hygienic / Stainless Steel / RJT, IDF, ILC / Bareshaft / Nitrile / Bareshaft
VC32I	93	Butterfly, Hygienic / Stainless Steel / RJT, IDF, ILC / Bareshaft / Silicone / Bareshaft
VC322	94	Butterfly, Hygienic / Stainless Steel / RJT, IDF, ILC / Stainless Steel Multi Stop Lever / Epdm / SS Lever
VC323	94	Butterfly, Hygienic / Stainless Steel / RJT, IDF, ILC / Stainless Steel Multi Stop Lever / Viton / SS Lever
	94	Butterfly, Hygienic / Stainless Steel / RJT, IDF, ILC / Stainless Steel Multi Stop Lever / Nitrile / SS Lever

CODE	PAGE	PRODUCT
VC325	121	Socket Pinch / White Pom / Screwed BSP Female
VC326	121	Socket Pinch / Aluminum Body / Screwed BSP Female
VC327	75	Gate / Cast Steel (WCB) / Flanged ANSI 300
VC328	83	Globe / Cast Steel WCB / Flanged ANSI 300 RF
VC329	75	Gate / Cast Steel / Flanged PN40 Upto 6", PN25 Upto 12"
VC330	44	Butterfly, Double Flanged / Ductile Iron / Coated Ductile Iron
VC33I	158	Automatic Air Vent / Brass / Screwed BSP Female
VC332	160	Metering Station / Stainless Steel / Wafer Type
VC333	159	Set Test Points and Spare Extensions / Brass (Test Points) and Stainless Steel (Extensions) / Screwed BSP Male
VC334	142	Eccentric Plug / Cast Iron / Flanged PN16
VC335	59	Wafer Type Butterfly, UL/FM Approved / Ductile Iron Epdm Encapsulated / to Suit ANSI 125 and PN16 Flanges
VC336	59	Wafer Type Butterfly, Wog / Cast Iron / to Suit ANSI 125, PNI6 and Table D/E Flanges
VC337	59	Grooved Butterfly Wog / Ductile Iron Fbe Coated / Grooved Ends
VC338	58	Butterfly, UL Listed/FM Approved / Bronze / NPT Screwed 1 1/4 & 1 12", Grooved 2"Only
VC339	58	Grooved Butterfly, UL Listed/FM Approved / Ductile Iron Epdm Encapsulated
VC340	56	
		Gate, Resilient Wedge / Cast Iron / Flanged PNI6
VC341	57	Gate, Resilient Wedge / Ductile Iron / Flanged PN16
VC342	57	Gate, Resilient Wedge, OS&Y / Ductile Iron / Flanged PN16
VC343	57	Gate, Resilient Wedge, OS&Y / Ductile Iron / Flanged PN10/16, ANSI 125
VC344	58	Gate, Resilient Wedge / Ductile Iron, Fusion Bonded Coated Interior and Exterior / Flanged PN10/16, ANSI 125
VC345	60	Swing Check Valve, Grooved / Ductile Iron Epoxy Coated Red / Grooved
VC346	60	Swing Check Valve, Resilient Seated / Ductile Iron
VC347	60	Double Door Check Valve / Cast Iron Body, Stainless Steel Disc / Wafer to Suit ANSI 125
VC348	61	Y-Type Strainer / Cast Iron Body, Stainless Steel Screen / Wafer to Suit ANSI 125
VC349	61	Y-Type Strainer / Ductile Iron Body, Stainless Steel Screen / Grooved
VC350	61	Dry Barrel Fire Hydrant, 3-way / Cast Iron Body / Flanged ANSI Or PN16
VC351	61	Underground Fire Hydrant Type 2 / Ductile Iron Body / Flanged Table D/E
VC352	45	Firesafe High Performance Butterfly, Wafer Type / Carbon Steel / Stainless Steel
VC353	45	Firesafe High Performance Butterfly, Lugged Type / Carbon Steel / Stainless Steel
VC354	161	Pressure Vacuum Valve Open Vent / Aluminium, Stainless Steel Trim / Flanged
VC355	161	Pressure Vacuum Valve Open Vent / Carbon Steel, Stainless Steel Trim / Flanged
VC356	162	Pressure Vacuum Valve Open Vent / Stainless Steel, Stainless Steel Trim / Flanged
VC357	16	Ball, 3-piece, Full Bore / Stainless Steel / Butt Weld
VC358	15	Ball, 3-piece, Full Bore / Stainless Steel / Socket Weld
VC359	170	Solenoid Valve Normally Closed / Stainless Steel / Screwed BSP
VC360	171	Solenoid Valve Normally Open / Stainless Steel / Screwed BSP
VC361	171	Solenoid Valve Normally Closed / Stainless Steel / Screwed NPT
VC362	171	Solenoid Valve Normally Open / Stainless Steel / Screwed NPT
VC363	50	Diaphragm Weir Type / Stainless Steel / Screwed BSP
VC365	91	Non-Return, Hygienic / Stainless Steel / Available In Clamp, RJT, IDF, ILC, DIN, SMS, Flange and Butt Weld
VC366	87	Encapsulated 3-way Ball, Hygienic / Stainless Steel / Butt Weld, RJT, IDF, Clamp, ILC and / L Port
VC367	92	Butterfly, Hygienic / Stainless Steel / RJT, IDF, ILC / Plastic Lever / Epdm / Lever
VC368	89	Miniature Relief, Hygienic / Stainless Steel / Clamp, ILC, Weld and BSP All Available
VC369	157	Pressure Reducing / Gunmetal / Screwed BSP
VC370	156	Pressure Reducing / Brass Nickel Plated / Screwed BSP
VC371	156	Pressure Reducing / Brass Nickel Plated / Flanged PNI6
VC372	157	Pressure Reducing / Cast Iron / Screwed BSP
VC373	69	Gate / Gunmetal / Flanged PN16
VC374	69	Gate / Gunmetal / Flanged ANSI 150
VC375	101	Needle / Brass / Screwed BSP Female
VC376	95	Butterfly, Hygienic / Stainless Steel / RJT, IDF, ILC / Stainless Steel / Silicone / SS Lever
VC377	88	Actuator, Hygienic / Stainless Steel / Direct Mounting / Spring Return
VC377	88	Actuator, Hygienic / Stainless Steel / Direct Mounting / Spring Return  Actuator, Hygienic / Stainless Steel / Direct Mounting / Double Acting
VC383	87	Encapsulated 3-way Ball, Hygienic / Stainless Steel / Butt Weld, RJT, IDF, Clamp, ILC and DIN All Available / T Port
VC384	87	Encapsulated 3-piece Ball, Hygienic / Stainless Steel / Butt Weld, RJT, IDF, Clamp, ILC and DIN All Available
VC385	90	
		Single Seat, Hygienic / Stainless Steel / Fitted Ends / Actuated
VC386	90	Switchbox
VC389	89	Pressure Relief, Hygienic / Stainless Steel / Plain Ended, Full Bore / Air Operated
VC390	89	Pressure Relief, Hygienic / Stainless Steel / Fitted Ends, Full Bore / Air Operated
VC391	30	Electric Actuated Ball / Stainless Steel / Flanged ANSI 150
VC393	73	Gate / Cast Iron / Can Be Drilled to Suit PN6/10/16, ANSI 150, Table D/E, JIS 5K/10K
VC394	74	Gate / Cast Iron / Can Be Drilled to Suit PN6/10/16, ANSI 150, Table D/E, JIS 5K/10K
VC395	74	Gate / Cast Iron / Can Be Drilled to Suit PN6/10/16, ANSI 150, Table D/E, JIS 5K/10K
VC397	112	Swing Type Check / Cast Iron / Can Be Drilled to Suit PN10/16, ANSI 150, Table D/E, JIS 5K/10K

CODE	PAGE	PRODUCT
VC398	118	Parallel Slide / Cast Steel WCB / Flanges Can Be Drilled PN10/16/25/40, ANSI 150/300, Table D/E/F/H, JIS 5K/10K/16K
VC400	5	Float Valve, Straight Pattern / Gunmetal / Flanged PN16
/C401	5	Float Valve, Straight Pattern / Gunmetal / Flanged Table D
/C402	75	Gate / Cast Steel (WCB) / Flanged PN16
/C403	83	Globe / Cast Steel (WCB) / Hanged PN16
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/C404	25	3-way Ball / Cast Steel WCB / Flanged ANSI I50
/C405	36	Tied Rubber Expansion Joint / Nitrile With Zinc Plated Carbon Steel Oval Flanges / Flanged PN10/16
/C406	131	Double Union Ball Valve / PVCu / Plain Sockets
/C407	131	Double Union Ball Valve / PVCu / Plain Sockets
/C408	132	Double Union Ball Valve / PVCu / BSP Female
/C409	132	Double Union Ball Valve / PVCu / Plain Sockets
/C410	132	Double Union Ball Valve / PVCu / Plain Sockets
/C411	133	Double Union Ball Valve / PVCu / BSP Female
/C412	133	Double Union Ball Valve / PVCu / Plain Sockets
/C413	133	Double Union Ball Valve / PVCu / Plain Sockets
/C414	134	Double Union Ball Valve / PVCu / BSP Female
C415	128	
		Economy Double Union Ball Valve / PVCu / Plain Sockets
C416	128	Economy Double Union Ball Valve / PVCu / Plain Sockets
'C417	128	Economy Double Union Ball Valve / BSP Female
C418	129	Economy Single Union Ball Valve / PVCu / Plain Sockets
/C419	129	Economy Single Union Ball Valve / PVCu / Plain Sockets
/C420	129	Economy Single Union Ball Valve / PVCu / BSP Female
/C421	130	Economy Single Union Ball Valve / PVCu / BSP Female X BSP Male
/C422	136	Check Valve / PVCu / Plain Sockets
/C423	136	Check Valve / PVCu / Plain Sockets
/C424	136	Check Valve / PVCu / Plain Sockets
/C425	137	Check Valve / PVCu / Plain Sockets
C426	137	Check Valve / PVCu / Plain Sockets
C427	137	Check Valve / PVCu / Plain Sockets
C428	138	Afer Check Valve / PVCu / Plain Sockets
/C429	138	Wafer Check Valve / PVCu / Plain Sockets
/C430	126	Air Release Valves / PVCu / Plain Sockets
/C431	127	Air Release Valves / PVCu / Plain Sockets
/C432	139	Inline Strainer / PVCu / Plain Sockets
/C433	139	Inline Strainer / PVCu / Plain Sockets
/C434	138	Diaphragm Valve / PVCu / Plain Sockets
/C435	139	Diaphragm Valve / PVCu / Plain Sockets
/C436	127	3-way Ball Valves L-Port / PVCu / Plain Sockets
/C437	127	
		3-way Ball Valves T-Port / PVCu / Plain Sockets
′C438	135	Economy Butterfly Valve / PVCu / Wafer Type to Fit PNI0/16 Flanges
C439	135	Industrial Butterfly Valve / PVCu / Wafer Type to Fit PN10/16 Flanges
/C440	130	Double Union Ball Valve / PVCu / Plain Sockets
/C44I	130	Double Union Ball Valve / PVCu / Plain Sockets
/C442	131	Double Union Ball Valve / PVCu / BSP Female
′C443	134	Double Union Ball Valve / PVCu / Plain Sockets
/C444	134	Double Union Ball Valve / PVCu / Plain Sockets
′C446	125	Double Union Ball Valves / ABS / Plain Sockets
C447	125	Double Union Ball Valves / ABS / Plain Sockets
C448		Check Valve / ABS / Plain Sockets
	126	
C449	126	Check Valve / ABS / Plain Sockets
C450	125	Air Release Valve / ABS / Plain Sockets
'C451	63	Flame Arrestor / Carbon Steel / Screwed NPT Or BSP
C452	63	Flame Arrestor / Carbon Steel / Screwed NPT Or BSP
C453	63	Flame Arrestor / Stainless Steel / Screwed NPT Or BSP
C454	64	Flame Arrestor / Stainless Steel / Screwed NPT Or BSP
'C454	135	Double Union Ball Valve / PVCu / BSP Females
C455	64	Flame Arrestor / Carbon Steel / Flanged
C456	64	Flame Arrestor / Carbon Steel / Flanged
		-
/C457	65	Flame Arrestor / Stainless Steel / Flanged
C458	65	Flame Arrestor / Stainless Steel / Flanged
/C459	65	Flame Arrestor / Carbon Steel / Flanged
′C460	65	Flame Arrestor / Stainless Steel / Flanged
EE TABLE	88	Switchbox
SEE TABLE	90	Single Seat, Hygienic / Stainless Steel / Plain Ended / Actuated



#### Customer service is paramount, but don't just take our word for it

"We just wanted to say thank you for your help with the rush order today. You helped us to get our customer up and running quicker than most other companies could. We are very happy with the service you provide."—Andy Roberts from Airtec Filtration.





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Our global knowledge of the valve industry accompanied with our mighty buying power enables us to have a quality product on the shelf at unbeatable prices, with over 90% of our catalogue products being available for same day despatch. We consider ourselves to be the best supplier of industrial valves in the UK.

#### **Top Brand Names**

In addition to our catalogue product range, we also keep in stock a comprehensive range of well-known manufacturers. We supply many sites where specified manufacturers are only acceptable. It is to our commitment in selecting the correct brands for our shelves that we have framework agreements in place with the country's largest power stations. The branded names we keep in stock include Hattersley, Saunders, Hopkinsons, Spirax Sarco, Norbro, Rotork, and many more. See page IX for the full list of brands we can offer.





#### **On Site Services**

Use Valve Center's experience on your site. To help you correctly identify a valve or actuator, one of our trained engineers can be of assistance. We have visited sites all over the UK, allowing our customers to benefit from the peace of mind that when it comes to the installation, things will go as smoothly as possible with minimal down time.

#### **Experts at Sourcing**

While this catalogue has a diverse range of valves, we understand it is impossible to have every valve on the shelf. With this is mind we recognise the importance to be constantly gaining knowledge of the market place. So if it's a very large bore size or an exotic material our experienced team will source it for you.





#### **Valve Repair and Overhaul**

We can repair many types including parallel slide valve, gate and globe valves, ball valves and boiler equipment. Pressure relief valves can be refurbished, re-set, tested and the appropriate certification provided. In most cases refurbishment can be a more cost effective option to buying new but Valve Center can assess your equipment and if a replacement is a more sensible option, we can advise and quote you for a new valve.

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