

# BALL, GATE, CHECK & SOLENOID VALVES



776

PARKAIR  
Mini & Full Flow  
Ball Valves



785

ITAP  
London® Gas  
Approved Full  
Flow Ball Valves



777

PARKAIR  
Stainless Steel  
Ball, Check &  
Non-return Valves



786

ITAP  
Berlin® Gas  
Approved Full  
Flow Ball Valves



778

RUB  
Ball Valves



787

ITAP  
Check & Foot  
Valves



780

ITAP  
Green® Full Flow  
Ecological Ball  
Valves



789

ITAP  
Y Strainers &  
Cartridges



781

ITAP  
Mini Ball Valves



790

AIGNEP  
Ball Valves  
& Accessories



781

ITAP  
Ideal® Full Flow  
Ball Valves



793

AIGNEP  
Slide Valves &  
Non-Return Valves



782

ITAP  
Vienna® Standard  
Flow Ball Valves



793

MASTER  
PNEUMATIC  
Safety Lockout  
Valves



782

ITAP  
Orient® Reduced  
Flow Ball Valves



794

PARKAIR  
High Pressure  
Ball Valves



783

ITAP  
Ball & Bibcock  
Valves



795

RÖTELMANN  
Hydraulic Valves  
& Accessories



784

ITAP  
3-way Valves,  
Gate Valves &  
Handles



798

PARKAIR  
Line Mounted  
Valves

# BALL, GATE, CHECK & SOLENOID VALVES



799

PARKAIR  
Bronze Valves



810

SIRAI  
Solenoid Valves



800

PROTECT AIR  
Compressed Air  
Safety Units



814

SIRAI  
Solenoid Valve  
Coils & Flow  
Valves



804

BONOMI  
Ball Valves



817

CAMOZZI  
DIN Plug



804

PARKAIR  
Venting Lockable  
Ball Valves



814

OMAL VIP  
Co-Axial  
Flow Valves



805

BONOMI  
Butterfly Valves



815

ODE  
Solenoid Valves  
& Accessories



805

BONOMI  
Pneumatically  
Actuated Butterfly  
Valves



818

SEETRU  
Pressure Relief  
Valves



806

BONOMI  
Pneumatically  
Actuated Brass  
Ball Valves



821

PARKAIR  
Pressure Relief  
Valves



806

E.MC  
Standard Namur  
Solenoid Valves



822

WADE  
Safety Relief  
Valves



807

PARKAIR  
Solenoid Valves  
& Accessories



823

SEETRU  
Atmospheric  
Discharge Valves

## MINI & FULL FLOW BALL VALVES

### APPLICATIONS

- Pneumatic, domestic and hydraulic installations
- Hot water
- Gasoline, fuel
- Oils, gas-oil
- Kerosene
- Acids
- Compressed air

### SPECIFICATIONS

Temperature range	-10°C to +90°C (+14°F to +194°F)	
<b>MATERIALS</b>	<b>B/V12, 14</b>	<b>B/V10, 11</b>
Ball valve	Brass	Brass
Handle	Steel	Plastic
Seal	PTFE	PTFE



### MINI

#### BSPP FEMALE

2250

### MINI

#### BSPP MALE / BSPP FEMALE

2250

PART NUMBER	THREAD	PRESSURE	PRICE
B/V10-02	1/8" BSPP	15 bar	£5.00
B/V10-04	1/4" BSPP	15 bar	£4.69
B/V10-06	3/8" BSPP	15 bar	£6.06
B/V10-08	1/2" BSPP	15 bar	£9.13

PART NUMBER	THREAD	THREAD	PRESSURE	PRICE
B/V11-04	1/4" BSPP	1/4" BSPP	15 bar	£4.69
B/V11-06	3/8" BSPP	3/8" BSPP	15 bar	£5.31
B/V11-08	1/2" BSPP	1/2" BSPP	15 bar	£8.17



### FULL FLOW

#### BSPP FEMALE

2250

### FULL FLOW

#### BSPP MALE / FEMALE

2250

PART NUMBER	THREAD	PRESSURE	PRICE
B/V12-04	1/4" BSPP	50 bar	£6.41
B/V12-06	3/8" BSPP	50 bar	£6.41
B/V12-08	1/2" BSPP	50 bar	£8.12
B/V12-12	3/4" BSPP	40 bar	£11.95
B/V12-16	1" BSPP	40 bar	£20.11
B/V12-20	1 1/4" BSPP	40 bar	£32.14
B/V12-24	1 1/2" BSPP	40 bar	£48.95
B/V12-32	2" BSPP	40 bar	£71.65

PART NUMBER	THREAD	PRESSURE	PRICE
B/V14-04	1/4" BSPP	50 bar	£6.80
B/V14-06	3/8" BSPP	50 bar	£6.63
B/V14-08	1/2" BSPP	50 bar	£9.44
B/V14-12	3/4" BSPP	40 bar	£14.58
B/V14-16	1" BSPP	40 bar	£22.74
B/V14-20	1 1/4" BSPP	40 bar	£33.85
B/V14-24	1 1/2" BSPP	40 bar	£47.55
B/V14-32	2" BSPP	40 bar	£73.54

## FULL FLOW GAS APPROVED BALL VALVE

### APPLICATIONS

- Pneumatic, domestic and hydraulic installations
- Hot water
- Gasoline, fuel
- Oils, gas-oil
- Kerosene
- Acids
- Compressed air

### SPECIFICATIONS

Temperature range	-20°C to +130°C (-4°F to +266°F)	
<b>MATERIALS</b>		
Ball valve	Brass	
Handle	Steel	
Seal	PTFE	



### FULL FLOW

#### BSPP FEMALE GAS APPROVED

2250

### FULL FLOW

#### BSPP MALE / FEMALE GAS APPROVED

2250

PART NUMBER	THREAD	PRESSURE	PRICE
B/V13-04	1/4" BSPP	40 bar	£7.15
B/V13-06	3/8" BSPP	40 bar	£7.24
B/V13-08	1/2" BSPP	40 bar	£9.56
B/V13-12	3/4" BSPP	40 bar	£14.93
B/V13-16	1" BSPP	40 bar	£20.88
B/V13-20	1 1/4" BSPP	40 bar	£33.03
B/V13-24	1 1/2" BSPP	40 bar	£49.66
B/V13-32	2" BSPP	40 bar	£75.46

PART NUMBER	THREAD	PRESSURE	PRICE
B/V15-04	1/4" BSPP	40 bar	£7.15
B/V15-06	3/8" BSPP	40 bar	£7.99
B/V15-08	1/2" BSPP	40 bar	£9.09
B/V15-12	3/4" BSPP	40 bar	£14.93
B/V15-16	1" BSPP	40 bar	£21.12
B/V15-20	1 1/4" BSPP	40 bar	£32.75
B/V15-24	1 1/2" BSPP	40 bar	£46.43
B/V15-32	2" BSPP	40 bar	£79.95

## ONE AND TWO PIECE SCREWED

### SPECIFICATIONS

Temperature range -50°C to +232°C (+60°F to +450°F)

### MATERIALS

Body	ASTM A-351 Gr.CF8M (DIN 1.4408)
Ball	316 stainless steel
Seat	PTFE
Stem	316 stainless steel

### THREAD DETAILS

ANSI B1.20.1 (NPT)

DIN 259 / DIN 2999

ISO 228: BSP: PT



## ONE PIECE BALL VALVE

**BSP FEMALE  
REDUCED BORE**

2220

PART NUMBER	FEMALE	WORKING PRESSURE	PRICE
SJ-V10-04	1/4" BSPP	55 bar	£21.11
SJ-V10-06	3/8" BSPP	55 bar	£21.11
SJ-V10-08	1/2" BSPP	55 bar	£24.29
SJ-V10-12	3/4" BSPP	55 bar	£30.05
SJ-V10-16	1" BSPP	55 bar	£39.34
SJ-V10-20	1 1/4" BSPP	55 bar	£62.49
SJ-V10-24	1 1/2" BSPP	55 bar	£75.09
SJ-V10-32	2" BSPP	55 bar	£110.35

## THREE PIECE SCREWED & CHECK VALVE

### SPECIFICATIONS

Temperature range -51°C to +232°C (-60°F to +450°F)

### MATERIALS

Body	ASTM A-351 Gr.CF8M (DIN 1.4408)
Ball	316 stainless steel
Seat	PTFE
Stem	316 stainless steel



## THREE PIECE BALL VALVE

**BSP FEMALE  
FULL FLOW**

2220

PART NUMBER	FEMALE	WORKING PRESSURE	PRICE
SJ-V30-04	1/4" BSPP	69 bar	£36.52
SJ-V30-06	3/8" BSPP	69 bar	£36.52
SJ-V30-08	1/2" BSPP	69 bar	£46.00
SJ-V30-12	3/4" BSPP	69 bar	£60.16
SJ-V30-16	1" BSPP	69 bar	£84.09
SJ-V30-20	1 1/4" BSPP	69 bar	£125.83
SJ-V30-24	1 1/2" BSPP	69 bar	£169.73
SJ-V30-32	2" BSPP	69 bar	£248.78



## TWO PIECE BALL VALVE

**BSP FEMALE – FULL FLOW**

2220

PART NUMBER	FEMALE	WORKING PRESSURE	PRICE
SJ-V20-04	1/4" BSPP	69 bar	£24.95
SJ-V20-06	3/8" BSPP	69 bar	£24.95
SJ-V20-08	1/2" BSPP	69 bar	£30.95
SJ-V20-12	3/4" BSPP	69 bar	£39.71
SJ-V20-16	1" BSPP	69 bar	£60.69
SJ-V20-20	1 1/4" BSPP	69 bar	£87.08
SJ-V20-24	1 1/2" BSPP	69 bar	£118.33
SJ-V20-32	2" BSPP	69 bar	£181.85



## SWING CHECK VALVE

**BSP FEMALE**

2220

PART NUMBER	FEMALE	WORKING PRESSURE	PRICE
SJ-C10-08	1/2" BSPP	14 bar	£52.83
SJ-C10-12	3/4" BSPP	14 bar	£67.78
SJ-C10-16	1" BSPP	14 bar	£91.16
SJ-C10-20	1 1/4" BSPP	14 bar	£125.71
SJ-C10-24	1 1/2" BSPP	14 bar	£208.35
SJ-C10-32	2" BSPP	14 bar	£220.23

## NON-RETURN VALVES

### BENEFITS

Suitable for fuel systems

### SPECIFICATIONS

Temperature range -18°C to +70°C (0°F to +158°F)

Standard cracking point 0.5 bar

### MATERIALS

SJ-V90 valves 316 stainless steel

Seals Viton™

## NON-RETURN VALVE

**BSP FEMALE**

2220



PART NUMBER	THREAD	PRESSURE	PRICE
SJ-V90-02	1/8" BSPP	24 bar	£78.48
SJ-V90-04	1/4" BSPP	24 bar	£79.94
SJ-V90-06	3/8" BSPP	24 bar	£81.41
SJ-V90-08	1/2" BSPP	24 bar	£92.29
SJ-V90-12	3/4" BSPP	24 bar	£137.49
SJ-V90-16	1" BSPP	17 bar	£182.20
SJ-V90-20	1 1/4" BSPP	17 bar	£378.31
SJ-V90-24	1 1/2" BSPP	17 bar	£473.50
SJ-V90-32	2" BSPP	17 bar	£875.59

## MINI HIGH PRESSURE BALL VALVES

### FEATURES

- RoSH compliant
- Dual sealing system allows valve to be operated in either direction making installation easier
- No metal-to-metal moving parts
- No maintenance required
- Silicone-free lubricant on all seals
- Handle / stem clearly shows ball position

### SPECIFICATIONS

Temperature range -20°C to +120°C (-4°F to +250°F)

### MATERIALS

Ball valve	Brass
Handle	Reinforced nylon
Seal	PTFE

New

### HIGH PRESSURE WITH SCREWDRIVER SLOT BSPP FEMALE



2255

New

### HIGH PRESSURE WITH SCREWDRIVER SLOT BSPP MALE / BSPP FEMALE



2255

PART NUMBER	THREAD	PRESSURE	PRICE
B/V-S35BF3	1/4" BSPP	30 bar	£10.26
B/V-S35CF3	3/8" BSPP	30 bar	£10.26
B/V-S35DF3	1/2" BSPP	30 bar	£13.80

PART NUMBER	THREAD	THREAD	PRESSURE	PRICE
B/V-S35AM3	1/8" BSPP	1/8" BSPP	30 bar	£11.94
B/V-S35BM3	1/4" BSPP	1/4" BSPP	30 bar	£10.26
B/V-S35CM3	3/8" BSPP	3/8" BSPP	30 bar	£10.26
B/V-S35DM3	1/2" BSPP	1/2" BSPP	30 bar	£13.80

## FULL FLOW HEAVY DUTY BALL VALVES

### FEATURES

- RoSH compliant
- 24 hour 100% seal test guaranteed
- Dual sealing system allows valve to be operated in either direction making installation easier
- No metal-to-metal moving parts
- Silicone-free lubricant on all seals
- Handle clearly shows ball position

### SPECIFICATIONS

Temperature range -40°C to +170°C (40°F to +350°F)

### MATERIALS

Ball valve	Hot forged sand blasted, nickel plated brass
Handle	Geomet® carbon steel handle, thick PVC dip coating
Seal	PTFE

New

### FULL FLOW BSPP FEMALE



2255

New

### FULL FLOW BSPP MALE / FEMALE



2255

PART NUMBER	THREAD	PRESSURE	PRICE
B/V-S33B00	1/4" BSPP	65 bar	£16.74
B/V-S33C00	3/8" BSPP	65 bar	£16.74
B/V-S33D00	1/2" BSPP	65 bar	£20.22
B/V-S33E00	3/4" BSPP	65 bar	£32.10
B/V-S33F00	1" BSPP	65 bar	£51.84
B/V-S33G00	1 1/4" BSPP	40 bar	£74.52
B/V-S33H00	1 1/2" BSPP	40 bar	£104.58
B/V-S33I00	2" BSPP	40 bar	£163.08

PART NUMBER	THREAD	PRESSURE	PRICE
B/V-S33B20	1/4" BSPP	65 bar	£18.96
B/V-S33C20	3/8" BSPP	65 bar	£18.96
B/V-S33D20	1/2" BSPP	65 bar	£22.50
B/V-S33E20	3/4" BSPP	65 bar	£34.92
B/V-S33F20	1" BSPP	65 bar	£58.56
B/V-S33G20	1 1/4" BSPP	40 bar	£86.28
B/V-S33H20	1 1/2" BSPP	40 bar	£118.68
B/V-S33I20	2" BSPP	40 bar	£185.76

## FULL FLOW BALL VALVES

### FEATURES

- RoSH compliant
- 24 hour 100% seal test guaranteed
- Dual sealing system allows valve to be operated in either direction making installation easier
- No metal-to-metal moving parts
- No maintenance ever required
- Silicone-free lubricant on all seals
- Handle clearly shows ball position
- Handle stops on body to avoid stresses at stem
- Chrome plated DZR brass ball for longer life
- Dezincification resistant ADZ-T and ADZ-P brass approved to SBN- PFS 1983:2 and NR-BFS 1988:18 specifications

### SPECIFICATIONS

Temperature range -20°C to +120°C (-4°F to +250°F)

### MATERIALS

Ball valve	Hot forged sand blasted, DZR unplated brass
Handle	Geomet® carbon steel handle, thick PVC dip coating
Seal	PTFE



**DEZINCIFICATION RESISTANT FEMALE COMPRESSION ENDS**

2255

PART NUMBER	TUBE DIA.	PRESSURE	PRICE
B/V-S28C12	12 mm	16 bar	£31.02
B/V-S28D15	15 mm	16 bar	£31.02
B/V-S28D18	18 mm	16 bar	£36.78
B/V-S28E22	22 mm	16 bar	£41.46
B/V-S28F28	28 mm	16 bar	£59.28
B/V-S28G35	35 mm	16 bar	£106.14
B/V-S28H42	42 mm	16 bar	£152.28
B/V-S28I54	54 mm	16 bar	£248.58

## FULL FLOW SPRING RETURN BALL VALVES

### FEATURES

- RoSH compliant
- 24 hour 100% seal test guaranteed
- Dual sealing system allows valve to be operated in either direction making installation easier
- No metal-to-metal moving parts
- No maintenance ever required
- Silicone-free lubricant on all seals
- Handle clearly shows ball position
- Travel stops on body to avoid stresses at stem
- Chrome plated brass ball for longer life with rinse hole

### SPECIFICATIONS

Temperature range -40°C to +170°C (40°F to +350°F)

### MATERIALS

Ball valve	Hot forged sand blasted, external nickel plated brass
Handle	Geomet® carbon steel handle, thick PVC dip coating
Seal	PTFE



**SPRING RETURN BSPF FEMALE**

2255

PART NUMBER	THREAD	PRESSURE	PRICE
B/V-S84B00M	1/4" BSPP	40 bar	£33.42
B/V-S84C00M	3/8" BSPP	40 bar	£33.42
B/V-S84D00M	1/2" BSPP	40 bar	£33.42
B/V-S84E00M	3/4" BSPP	40 bar	£44.76
B/V-S84F00M	1" BSPP	40 bar	£61.74
B/V-S84G00M	1 1/4" BSPP	40 bar	£106.26
B/V-S84H00M	1 1/2" BSPP	40 bar	£125.16
B/V-S84I00M	2" BSPP	40 bar	£188.22

## VENTING LOCKABLE BALL VALVES

### DESCRIPTION

Valve is lockable in the closed position only, according to Part. 1910.147 safety OSHA (USA) requirements, allowing safe maintenance of the air-supplied equipment; when valve is open, one simple 90° turn of the handle shuts flow immediately.

### FEATURES

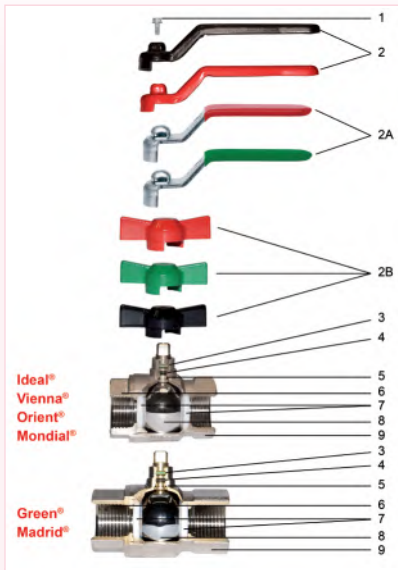
- Patented tamper proof, lockable handle
- Exhausts automatically and continuously downstream air pressure as soon as turned in the closed position

**VENTING LOCKABLE BALL VALVE BRASS**

2255



PART NUMBER	THREAD	PRICE
B/V-VBL-04	1/4" BSP	£30.67
B/V-VBL-06	3/8" BSP	£30.67
B/V-VBL-08	1/2" BSP	£34.58
B/V-VBL-12	3/4" BSP	£45.95
B/V-VBL-16	1" BSP	£72.74
B/V-VBL-20	1 1/4" BSP	£132.36
B/V-VBL-24	1 1/2" BSP	£177.72
B/V-VBL-32	2" BSP	£276.34



## CROSS SECTION AND MATERIALS FOR: GREEN®, IDEAL®, VIENNA® & ORIENT® VALVE RANGES

DESCRIPTION	MATERIAL
1 Screw	Fe CB4 zinc plated steel
2 Lever handle	Fe. P. 04 zinc plated and varnished steel
2A Flat lever handle	Fe. P. 04 zinc plated and plastic coated steel
2B T handle	Aluminium
3 O-ring	Viton™ 70 SH/A
4 O-ring	NBR 70 SH/A
5 Stem	Brass CW614N
6 End adaptor	Nickel plated brass CW617N
7 Seal	Pure P.T.F.E.
8 Ball	Chrome plated brass CW617N
9 Body	Nickel plated brass CW617N



## FULL FLOW ECOLOGICAL BALL VALVES – GREEN®

### DESCRIPTION

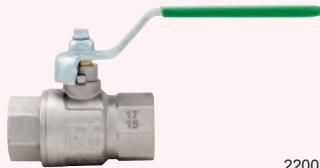
Ecological ball valves in compliance with the new European regulation for drinkable water. Approved in accordance with standard EN 13828 and Code of Practice DVGW W 570 for the distribution of water intended for human consumption. Equipped with a ball design to avoid the stagnation of water and eventual proliferation of bacteria inside the valve.

### SPECIFICATIONS

Temperature range -20°C to +150°C (-4°F to +302°F) in absence of steam

### MATERIALS

Body Nickel plated brass CW617N  
 Flat lever handle Zinc plated and plastic coated steel Fe. P.04  
 T handle Aluminium



**GREEN® FULL FLOW  
BSPP FEMALE – ISO 7/1**

2200



**GREEN® FULL FLOW  
BSPT MALE /  
BSPP FEMALE – ISO 7/1**

2200

PART NUMBER	THREAD	PRESSURE	PRICE
B/V2376-04	1/4" BSPP	50 bar	£8.09
B/V2376-06	3/8" BSPP	50 bar	£8.49
B/V2376-08	1/2" BSPP	50 bar	£11.70
B/V2376-12	3/4" BSPP	40 bar	£15.95
B/V2376-16	1" BSPP	40 bar	£24.39
B/V2376-20	1 1/4" BSPP	30 bar	£43.34
B/V2376-24	1 1/2" BSPP	30 bar	£68.74
B/V2376-32	2" BSPP	25 bar	£95.88

PART NUMBER	THREAD	THREAD	PRESSURE	PRICE
B/V2377-04	1/4" BSPT	1/4" BSPP	50 bar	£8.51
B/V2377-06	3/8" BSPT	3/8" BSPP	50 bar	£9.21
B/V2377-08	1/2" BSPT	1/2" BSPP	50 bar	£12.37
B/V2377-12	3/4" BSPT	3/4" BSPP	40 bar	£16.67
B/V2377-16	1" BSPT	1" BSPP	40 bar	£25.62
B/V2377-20	1 1/4" BSPT	1 1/4" BSPP	30 bar	£45.61
B/V2377-24	1 1/2" BSPT	1 1/2" BSPP	30 bar	£70.55
B/V2377-32	2" BSPT	2" BSPP	25 bar	£97.82



**GREEN® FULL FLOW 'T' HANDLE  
BSPP FEMALE – ISO 7/1**

2200



**GREEN® FULL FLOW 'T' HANDLE  
BSPT MALE /  
BSPP FEMALE – ISO 7/1**

2200

PART NUMBER	THREAD	PRESSURE	PRICE
B/V2378-04	1/4" BSPP	50 bar	£7.72
B/V2378-06	3/8" BSPP	50 bar	£8.20
B/V2378-08	1/2" BSPP	50 bar	£11.36
B/V2378-12	3/4" BSPP	40 bar	£15.33
B/V2378-16	1" BSPP	40 bar	£23.78

PART NUMBER	THREAD	THREAD	PRESSURE	PRICE
B/V2379-04	1/4" BSPT	1/4" BSPP	50 bar	£8.22
B/V2379-06	3/8" BSPT	3/8" BSPP	50 bar	£8.85
B/V2379-08	1/2" BSPT	1/2" BSPP	50 bar	£12.04
B/V2379-12	3/4" BSPT	3/4" BSPP	40 bar	£16.05
B/V2379-16	1" BSPT	1" BSPP	40 bar	£25.01

## MINI BALL VALVES

### DESCRIPTION

Suitable for domestic water services, heating and air conditioning plants, and compressed air systems

### SPECIFICATIONS

Temperature range 0°C to +90°C (+32°F to +194°F)

### MATERIALS

Body Nickel plated brass  
Lever handle Nylon



### MINI

#### BSPP FEMALE – ISO228

2200

### MINI

#### BSPP MALE / BSPP FEMALE ISO228

2200

PART NUMBER	THREAD	THREAD	PRESSURE	PRICE
B/V2125-02	1/8" BSPP		10 bar	£6.53
B/V2125-04	1/4" BSPP		10 bar	£6.53
B/V2125-06	3/8" BSPP		10 bar	£6.27
B/V2125-08	1/2" BSPP		10 bar	£7.90
B/V2125-12	3/4" BSPP		10 bar	£11.98

PART NUMBER	THREAD	THREAD	PRESSURE	PRICE
B/V2126-02	1/8" BSPP	1/8" BSPP	10 bar	£6.01
B/V2126-04	1/4" BSPP	1/4" BSPP	10 bar	£5.89
B/V2126-06	3/8" BSPP	3/8" BSPP	10 bar	£5.65
B/V2126-08	1/2" BSPP	1/2" BSPP	10 bar	£7.21
B/V2126-12	3/4" BSPP	3/4" BSPP	10 bar	£12.02

## FULL FLOW BALL VALVES – IDEAL®

### DESCRIPTION

Suitable for domestic water services, heating and air conditioning plants, and compressed air systems.

### SPECIFICATIONS

Temperature range -20°C to +150°C (-4°F to +302°F)

### MATERIALS

Body Nickel plated brass  
Lever handle 1/4" to 2" Steel  
2 1/2", 3" & 4" Aluminium  
T handle Aluminium



### IDEAL® FULL FLOW

#### BSPP FEMALE – ISO228

2200

### IDEAL® FULL FLOW

#### BSPP MALE / BSPP FEMALE ISO228

2200

PART NUMBER	THREAD	THREAD	PRESSURE	PRICE
B/V2090-04	1/4" BSPP		50 bar	£7.18
B/V2090-06	3/8" BSPP		50 bar	£7.31
B/V2090-08	1/2" BSPP		50 bar	£9.08
B/V2090-12	3/4" BSPP		40 bar	£13.30
B/V2090-16	1" BSPP		40 bar	£20.46
B/V2090-20	1 1/4" BSPP		30 bar	£32.20
B/V2090-24	1 1/2" BSPP		30 bar	£48.09
B/V2090-32	2" BSPP		25 bar	£75.07
B/V2090-40	2 1/2" BSPP		18 bar	£174.55
B/V2090-48	3" BSPP		16 bar	£271.71
B/V2090-64	4" BSPP		14 bar	£443.70

PART NUMBER	THREAD	THREAD	PRESSURE	PRICE
B/V2091-04	1/4" BSPP	1/4" BSPP	50 bar	£7.87
B/V2091-06	3/8" BSPP	3/8" BSPP	50 bar	£8.28
B/V2091-08	1/2" BSPP	1/2" BSPP	50 bar	£9.97
B/V2091-12	3/4" BSPP	3/4" BSPP	40 bar	£14.53
B/V2091-16	1" BSPP	1" BSPP	40 bar	£22.10
B/V2091-20	1 1/4" BSPP	1 1/4" BSPP	30 bar	£35.64
B/V2091-24	1 1/2" BSPP	1 1/2" BSPP	30 bar	£51.89
B/V2091-32	2" BSPP	2" BSPP	25 bar	£79.85

### IDEAL® FULL FLOW 'T' HANDLE

#### BSPP FEMALE – ISO228

2200

### IDEAL® FULL FLOW 'T' HANDLE

#### BSPP MALE / BSPP FEMALE ISO228

2200

PART NUMBER	THREAD	THREAD	PRESSURE	PRICE
B/V2092-04	1/4" BSPP		50 bar	£7.08
B/V2092-06	3/8" BSPP		50 bar	£7.21
B/V2092-08	1/2" BSPP		50 bar	£8.98
B/V2092-12	3/4" BSPP		40 bar	£12.99
B/V2092-16	1" BSPP		40 bar	£20.18
B/V2092-20	1 1/4" BSPP		30 bar	£32.68

PART NUMBER	THREAD	THREAD	PRESSURE	PRICE
B/V2093-04	1/4" BSPP	1/4" BSPP	50 bar	£7.77
B/V2093-06	3/8" BSPP	3/8" BSPP	50 bar	£8.18
B/V2093-08	1/2" BSPP	1/2" BSPP	50 bar	£9.87
B/V2093-12	3/4" BSPP	3/4" BSPP	40 bar	£14.23
B/V2093-16	1" BSPP	1" BSPP	40 bar	£21.82
B/V2093-20	1 1/4" BSPP	1 1/4" BSPP	30 bar	£36.19

### IDEAL® STRAIGHT FULL FLOW

#### BSPP MALE / BSPP FEMALE ISO228

2200

### IDEAL® 90° FULL FLOW

#### BSPP MALE / BSPP FEMALE ISO228

2200

PART NUMBER	THREAD	THREAD	PRESSURE	PRICE
B/V2098-08	1/2" BSPP	1/2" BSPP	50 bar	£12.13
B/V2098-12	3/4" BSPP	3/4" BSPP	40 bar	£18.18
B/V2098-16	1" BSPP	1" BSPP	40 bar	£28.09
B/V2098-20	1 1/4" BSPP	1 1/4" BSPP	30 bar	£44.33

PART NUMBER	THREAD	THREAD	PRESSURE	PRICE
B/V2298-08	1/2" BSPP	1/2" BSPP	50 bar	£14.79
B/V2298-12	3/4" BSPP	3/4" BSPP	40 bar	£22.99
B/V2298-16	1" BSPP	1" BSPP	40 bar	£35.70



## STANDARD FLOW BALL VALVES – VIENNA®

### FEATURES

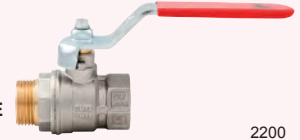
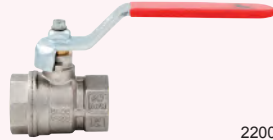
Suitable for domestic water services, heating and air-conditioning plants, and compressed air systems.

### SPECIFICATIONS

Temperature range -20°C to +150°C (-4°F to +302°F) in absence of steam

### MATERIALS

Body Nickel plated brass  
Flat lever handle Lined steel



**VIENNA® STANDARD FLOW**  
BSPP FEMALE  
ISO228

2200

**VIENNA® STANDARD FLOW**  
BSPP MALE / BSPP FEMALE  
ISO228

2200

PART NUMBER	THREAD	PRESSURE	PRICE
B/V2216-04	1/4" BSPP	50 bar	£7.65
B/V2216-06	3/8" BSPP	50 bar	£7.78
B/V2216-08	1/2" BSPP	30 bar	£8.36
B/V2216-12	3/4" BSPP	30 bar	£12.29
B/V2216-16	1" BSPP	30 bar	£18.06
B/V2216-20	1 1/4" BSPP	25 bar	£29.12
B/V2216-24	1 1/2" BSPP	25 bar	£40.72
B/V2216-32	2" BSPP	25 bar	£67.26

PART NUMBER	THREAD	THREAD	PRESSURE	PRICE
B/V2217-04	1/4" BSPP	1/4" BSPP	50 bar	£8.26
B/V2217-06	3/8" BSPP	3/8" BSPP	50 bar	£8.67
B/V2217-08	1/2" BSPP	1/2" BSPP	30 bar	£9.46
B/V2217-12	3/4" BSPP	3/4" BSPP	30 bar	£13.55
B/V2217-16	1" BSPP	1" BSPP	30 bar	£20.07
B/V2217-20	1 1/4" BSPP	1 1/4" BSPP	25 bar	£32.37
B/V2217-24	1 1/2" BSPP	1 1/2" BSPP	25 bar	£44.72
B/V2217-32	2" BSPP	2" BSPP	25 bar	£73.98

## REDUCED FLOW BALL VALVES – ORIENT®

### DESCRIPTION

Suitable for domestic water services, heating and air conditioning plants, and compressed air systems.

### SPECIFICATIONS

Temperature range -20°C to +150°C (-4°F to +302°F) in absence of steam

### MATERIALS

Body Nickel plated brass  
Lever handle Steel  
T handle Aluminium



**ORIENT® REDUCED FLOW**  
BSPP FEMALE – ISO228

2200

**ORIENT® REDUCED FLOW**  
BSPP MALE / BSPP FEMALE  
ISO228

2200

PART NUMBER	THREAD	PRESSURE	PRICE
B/V2111-08	1/2" BSPP	50 bar	£8.15
B/V2111-12	3/4" BSPP	40 bar	£11.51
B/V2111-16	1" BSPP	40 bar	£15.05
B/V2111-20	1 1/4" BSPP	30 bar	£23.29
B/V2111-24	1 1/2" BSPP	30 bar	£34.89
B/V2111-32	2" BSPP	25 bar	£55.98
B/V2111-40	2 1/2" BSPP	18 bar	£133.22
B/V2111-48	3" BSPP	14 bar	£227.74
B/V2111-64	4" BSPP	12 bar	£350.59

PART NUMBER	THREAD	THREAD	PRESSURE	PRICE
B/V2112-08	1/2" BSPP	1/2" BSPP	50 bar	£9.29
B/V2112-12	3/4" BSPP	3/4" BSPP	40 bar	£13.09
B/V2112-16	1" BSPP	1" BSPP	40 bar	£17.81

**ORIENT® REDUCED FLOW**  
'T' HANDLE  
BSPP FEMALE – ISO228

2200

**ORIENT® REDUCED FLOW**  
'T' HANDLE  
BSPP MALE / BSPP FEMALE  
ISO228

2200

PART NUMBER	THREAD	PRESSURE	PRICE
B/V2113-08	1/2" BSPP	50 bar	£8.06
B/V2113-12	3/4" BSPP	40 bar	£11.44
B/V2113-16	1" BSPP	40 bar	£14.74

PART NUMBER	THREAD	THREAD	PRESSURE	PRICE
B/V2114-08	1/2" BSPP	1/2" BSPP	50 bar	£9.19
B/V2114-12	3/4" BSPP	3/4" BSPP	40 bar	£13.02
B/V2114-16	1" BSPP	1" BSPP	40 bar	£17.46

## BALL VALVES

### DESCRIPTION

Suitable for domestic water services, heating and air conditioning plants, and compressed air systems.

### SPECIFICATIONS

Min. working temperature -20°C to +110°C (-4°F to +230°F) in absence of steam

### MATERIALS

Body Nickel plated brass  
Handle Steel



2200

### STANDARD FLOW WITH DRAIN VALVE BSPP FEMALE ISO228

PART NUMBER	THREAD	PRESSURE	PRICE
B/V2115-08	1/2" BSPP	25 bar	£13.32
B/V2115-12	3/4" BSPP	25 bar	£18.00
B/V2115-16	1" BSPP	25 bar	£24.15
B/V2115-20	1 1/4" BSPP	20 bar	£39.93
B/V2115-24	1 1/2" BSPP	20 bar	£52.90
B/V2115-32	2" BSPP	20 bar	£80.99

### SPECIFICATIONS

Min. working temperature -10°C to +95°C (14°F to +203°F) in absence of steam

### MATERIALS

Body Nickel plated brass  
Handle Aluminium



2200

### FULL FLOW BSPP MALE – ISO228

PART NUMBER	THREAD	PRESSURE	PRICE
B/V2099-08	1/2" BSPP	40 bar	£10.82
B/V2099-12	3/4" BSPP	40 bar	£14.37
B/V2099-16	1" BSPP	40 bar	£22.20
B/V2099-20	1 1/4" BSPP	30 bar	£33.84
B/V2099-24	1 1/2" BSPP	30 bar	£55.85
B/V2099-32	2" BSPP	30 bar	£83.59

## BIBCOCK VALVES

### DESCRIPTION

Suitable for domestic water services and heating plants.



2200

### BIBCOCK BSPP MALE / HOSETAIL ISO228

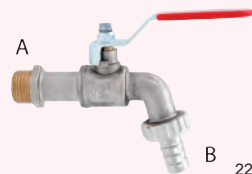
PART NUMBER	THREAD A	HOSETAIL B	PRESSURE	PRICE
B/V2132-06	3/8" BSPP	10 mm	15 bar	£12.92
B/V2132-08	1/2" BSPP	13 mm	15 bar	£12.72
B/V2132-12	3/4" BSPP	20 mm	15 bar	£18.43
B/V2132-16	1" BSPP	25 mm	12 bar	£27.84

### SPECIFICATIONS

Temperature range -20°C to +80°C (-4°F to +176°F)

### MATERIALS

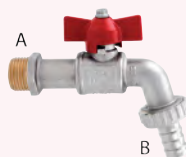
Body Nickel plated brass  
Hose connection Brass  
B/V2132 handle Steel  
B/V2133 handle Lined steel  
B/V2134 handle Aluminium  
B/V2144 handle Steel



2200

### BIBCOCK BSPP MALE / HOSETAIL ISO228

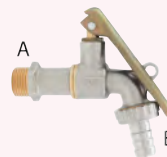
PART NUMBER	THREAD A	HOSETAIL B	PRESSURE	PRICE
B/V2133-08	1/2" BSPP	13 mm	15 bar	£13.18
B/V2133-12	3/4" BSPP	20 mm	15 bar	£19.15



2200

### BIBCOCK 'T' HANDLE BSPP MALE / HOSETAIL ISO228

PART NUMBER	THREAD A	HOSETAIL B	PRESSURE	PRICE
B/V2134-06	3/8" BSPP	10 mm	15 bar	£12.83
B/V2134-08	1/2" BSPP	13 mm	15 bar	£12.64
B/V2134-12	3/4" BSPP	20 mm	15 bar	£18.36
B/V2134-16	1" BSPP	25 mm	12 bar	£28.40



2200

### LOCKABLE BIBCOCK BSPP MALE / HOSETAIL ISO228

PART NUMBER	THREAD A	HOSETAIL B	PRESSURE	PRICE
B/V2144-08	1/2" BSPP	13 mm	15 bar	£19.61
B/V2144-12	3/4" BSPP	20 mm	15 bar	£20.97



2200

### HOSE CONNECTION CHROME PLATED BRASS – ISO228

PART NUMBER	THREAD A	HOSTAIL B	PRICE
B/V2280-12	3/4" BSPP	20 mm	£1.62
B/V2280-16	1" BSPP	25 mm	£2.77
B/V2280-20	1 1/4" BSPP	32 mm	£5.53



2200

### HOSE CONNECTION NYLON – ISO228

PART NUMBER	THREAD A	HOSETAIL B	PRICE
B/V2282-12	3/4" BSPP	20 mm	£0.89
B/V2282-16	1" BSPP	25 mm	£1.37

## 3-WAY VALVES

### DESCRIPTION

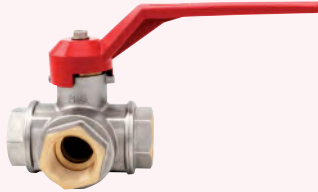
Suitable for domestic water services, heating and air conditioning plants, and compressed air systems.

### SPECIFICATIONS

Min. Working temperature -20°C to +120°C (-4°F to +248°F) in absence of steam

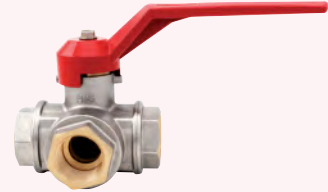
### MATERIALS

Body Nickel plated brass  
Lever handle Aluminium



**3-WAY 'L' PORT  
BSPP FEMALE**

2200



**3-WAY 'T' PORT  
BSPP FEMALE**

2200

PART NUMBER	THREAD	PRESSURE	PRICE
B/V2128-04L	1/4" BSPP	55 bar	£50.87
B/V2128-06L	3/8" BSPP	55 bar	£50.87
B/V2128-08L	1/2" BSPP	50 bar	£50.87
B/V2128-12L	3/4" BSPP	50 bar	£77.90
B/V2128-16L	1" BSPP	45 bar	£114.09
B/V2128-20L	1 1/4" BSPP	35 bar	£175.30
B/V2128-24L	1 1/2" BSPP	35 bar	£243.23
B/V2128-32L	2" BSPP	35 bar	£372.93

PART NUMBER	THREAD	PRESSURE	PRICE
B/V2128-04T	1/4" BSPP	55 bar	£50.87
B/V2128-06T	3/8" BSPP	55 bar	£50.87
B/V2128-08T	1/2" BSPP	50 bar	£50.87
B/V2128-12T	3/4" BSPP	50 bar	£77.90
B/V2128-16T	1" BSPP	45 bar	£114.09
B/V2128-20T	1 1/4" BSPP	35 bar	£175.30
B/V2128-24T	1 1/2" BSPP	35 bar	£243.23
B/V2128-32T	2" BSPP	35 bar	£372.93

## GATE VALVES AND HANDLES

### DESCRIPTION

Suitable for domestic water services, heating, and air conditioning plants.

### SPECIFICATIONS

Temperature range 0°C to +150°C (+32°F to +302°F) in absence of steam

### MATERIALS

Body Brass  
Handle Steel



**BSPP FEMALE**

2200

PART NUMBER	THREAD	PRESSURE	PRICE
B/V2156-08	1/2"	16 bar	£13.32
B/V2156-12	3/4"	16 bar	£19.19
B/V2156-16	1"	16 bar	£26.00
B/V2156-20	1 1/4"	16 bar	£34.61
B/V2156-24	1 1/2"	16 bar	£45.32
B/V2156-32	2"	16 bar	£68.16
B/V2156-40	2 1/2"	16 bar	£115.59
B/V2156-48	3"	16 bar	£160.04
B/V2156-64	4"	16 bar	£292.21



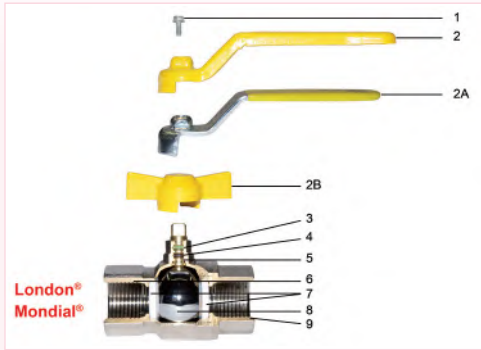
**HANDLES  
RED**

2200

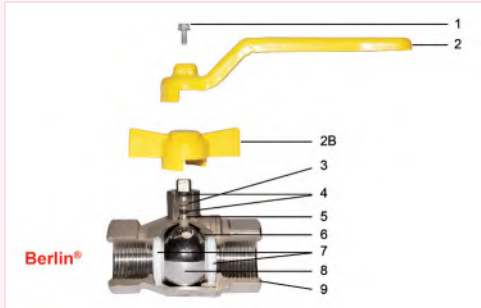
	B/V2156
08 - 1/2"	050
12 - 3/4"	060
16 - 1"	060
20 - 1 1/4"	070
24 - 1 1/2"	070
32 - 2"	080
40 - 2 1/2"	100
48 - 3"	100
64 - 4"	120

PART NUMBER	SIZE	PRICE
B/VOLA050	050	£1.02
B/VOLA060	060	£1.41
B/VOLA070	070	£2.59
B/VOLA080	080	£3.21
B/VOLA100	100	£4.47
B/VOLA120	120	£7.37




**CROSS SECTION AND MATERIALS FOR:  
LONDON® VALVE RANGES**

DESCRIPTION	MATERIAL
1 Screw	Fe CB4 zinc plated steel
2 Lever handle	Fe. P. 04 zinc plated and varnished steel
2A Flat lever handle in lined steel	Fe. P. 04 zinc plated steel
2B T handle	Aluminium
3 O-ring	Viton™ 70 SH/A
4 O-ring	NBR 70 SH/A
5 Stem	Brass CW614N
6 Body	Nickel plated brass CW617N
7 Seal	Pure P.T.F.E.
8 Ball	Chrome plated brass CW617N
9 End adapter	Nickel plated brass CW617N


**CROSS SECTION AND MATERIALS FOR:  
BERLIN® VALVE RANGES**

DESCRIPTION	MATERIAL
1 Screw	Fe CB4 zinc plated steel
2 Lever handle	Fe. P. 04 zinc plated and varnished steel
2B T handle	Aluminium
3 O-ring	Viton™ 70 SH/A
4 O-ring	NBR 70 SH/A
5 Stem	Brass CW614N
6 Body	Nickel plated brass CW617N
7 Seal	Pure P.T.F.E.
8 Ball	Chrome plated brass CW617N
9 End adapter	Nickel plated brass CW617N

**FULL FLOW GAS BALL VALVES – LONDON®**

SPECIFICATIONS	
Temperature range	-20°C to +60°C (-4°F to +140°F)

MATERIALS	
Body	Nickel plated brass
2066, 2067 lever handle	Steel
2068, 2069 T handle	Aluminium
2120G, 2121G lever handle	Aluminium
2266, 2067 flat lever handle	Lined steel

**LONDON® FULL FLOW  
BSPT MALE /  
BSPP FEMALE – ISO7/1**


2200

PART NUMBER	THREAD	PRESSURE	PRICE
B/V2066-04	1/4" BSPP	5 bar	£7.66
B/V2066-06	3/8" BSPP	5 bar	£8.14
B/V2066-08	1/2" BSPP	5 bar	£11.41
B/V2066-12	3/4" BSPP	5 bar	£15.69
B/V2066-16	1" BSPP	5 bar	£23.64
B/V2066-20	1 1/4" BSPP	5 bar	£39.29
B/V2066-24	1 1/2" BSPP	5 bar	£61.91
B/V2066-32	2" BSPP	5 bar	£87.10

**LONDON® FULL FLOW  
BSPT MALE /  
BSPP FEMALE – ISO7/1**


2200

PART NUMBER	THREAD	THREAD	PRESSURE	PRICE
B/V2067-04	1/4" BSPT	1/4" BSPP	5 bar	£8.16
B/V2067-06	3/8" BSPT	3/8" BSPP	5 bar	£8.86
B/V2067-08	1/2" BSPT	1/2" BSPP	5 bar	£12.07
B/V2067-12	3/4" BSPT	3/4" BSPP	5 bar	£16.39
B/V2067-16	1" BSPT	1" BSPP	5 bar	£24.82
B/V2067-20	1 1/4" BSPT	1 1/4" BSPP	5 bar	£41.33
B/V2067-24	1 1/2" BSPT	1 1/2" BSPP	5 bar	£63.95
B/V2067-32	2" BSPT	2" BSPP	5 bar	£88.92

**LONDON® FULL FLOW  
'T' HANDLE  
BSPT MALE /  
BSPP FEMALE – ISO7/1**


2200

PART NUMBER	THREAD	PRESSURE	PRICE
B/V2068-04	1/4" BSPP	5 bar	£7.56
B/V2068-06	3/8" BSPP	5 bar	£8.04
B/V2068-08	1/2" BSPP	5 bar	£11.32
B/V2068-12	3/4" BSPP	5 bar	£15.38
B/V2068-16	1" BSPP	5 bar	£23.35

**LONDON® FULL FLOW  
'T' HANDLE  
BSPT MALE /  
BSPP FEMALE – ISO7/1**


2200

PART NUMBER	THREAD	THREAD	PRESSURE	PRICE
B/V2069-04	1/4" BSPT	1/4" BSPP	5 bar	£8.06
B/V2069-06	3/8" BSPT	3/8" BSPP	5 bar	£8.76
B/V2069-08	1/2" BSPT	1/2" BSPP	5 bar	£11.99
B/V2069-12	3/4" BSPT	3/4" BSPP	5 bar	£16.09
B/V2069-16	1" BSPT	1" BSPP	5 bar	£24.53

## FULL FLOW GAS BALL VALVES – LONDON®

### LONDON® FULL FLOW FLAT HANDLE

BSPP FEMALE – ISO7/1



2200

PART NUMBER	THREAD	PRESSURE	PRICE
B/V2266-04	1/4" BSPP	5 bar	£8.13
B/V2266-06	3/8" BSPP	5 bar	£8.60
B/V2266-08	1/2" BSPP	5 bar	£11.87
B/V2266-12	3/4" BSPP	5 bar	£16.21
B/V2266-16	1" BSPP	5 bar	£24.16
B/V2266-20	1 1/4" BSPP	5 bar	£40.33
B/V2266-24	1 1/2" BSPP	5 bar	£62.97
B/V2266-32	2" BSPP	5 bar	£87.95

### LONDON® FULL FLOW FLAT HANDLE BSPT MALE / BSPP FEMALE ISO7/1



2200

PART NUMBER	THREAD	THREAD	PRESSURE	PRICE
B/V2267-04	1/4" BSPT	1/4" BSPP	5 bar	£8.62
B/V2267-06	3/8" BSPT	3/8" BSPP	5 bar	£9.33
B/V2267-08	1/2" BSPT	1/2" BSPP	5 bar	£12.53
B/V2267-12	3/4" BSPT	3/4" BSPP	5 bar	£16.92
B/V2267-16	1" BSPT	1" BSPP	5 bar	£25.35
B/V2267-20	1 1/4" BSPT	1 1/4" BSPP	5 bar	£42.51
B/V2267-24	1 1/2" BSPT	1 1/2" BSPP	5 bar	£64.66
B/V2267-32	2" BSPT	2" BSPP	5 bar	£89.76

### LONDON® FULL FLOW BSPP FEMALE – ISO228



2200

PART NUMBER	THREAD	PRESSURE	PRICE
B/V2120G-40	2 1/2" BSPP	18 bar	£248.85
B/V2120G-48	3" BSPP	16 bar	£368.83
B/V2120G-64	4" BSPP	14 bar	£650.73

### LONDON® FULL FLOW BSPP MALE / BSPP FEMALE ISO228



2200

PART NUMBER	THREAD	THREAD	PRESSURE	PRICE
B/V2121G-40	2 1/2" BSPT	2 1/2" BSPP	18 bar	£256.82
B/V2121G-48	3" BSPT	3" BSPP	16 bar	£382.81
B/V2121G-64	4" BSPT	4" BSPP	14 bar	£657.55

## FULL FLOW GAS BALL VALVES – BERLIN®

### SPECIFICATIONS

Temperature range	-20°C to +60°C (-4°F to +140°F)
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### MATERIALS

Body	Nickel plated brass
2070, 2071 lever handle	Steel
2072, 2073 T handle	Aluminium

### BERLIN® FULL FLOW BSPP FEMALE – ISO7/1



2200

PART NUMBER	THREAD	PRESSURE	PRICE
B/V2070-08	1/2" BSPP	5 bar	£13.89
B/V2070-12	3/4" BSPP	5 bar	£21.31
B/V2070-16	1" BSPP	5 bar	£30.75
B/V2070-20	1 1/4" BSPP	5 bar	£47.26
B/V2070-24	1 1/2" BSPP	5 bar	£67.90
B/V2070-32	2" BSPP	5 bar	£98.66

### BERLIN® FULL FLOW BSPT MALE / BSPP FEMALE ISO7/1



2200

PART NUMBER	THREAD	THREAD	PRESSURE	PRICE
B/V2071-08	1/2" BSPT	1/2" BSPP	5 bar	£13.80
B/V2071-12	3/4" BSPT	3/4" BSPP	5 bar	£21.13
B/V2071-16	1" BSPT	1" BSPP	5 bar	£30.37
B/V2071-20	1 1/4" BSPT	1 1/4" BSPP	5 bar	£46.71
B/V2071-24	1 1/2" BSPT	1 1/2" BSPP	5 bar	£68.10
B/V2071-32	2" BSPT	2" BSPP	5 bar	£95.88

### BERLIN® FULL FLOW 'T' HANDLE BSPP FEMALE – ISO7/1



2200

PART NUMBER	THREAD	PRESSURE	PRICE
B/V2072-08	1/2" BSPP	5 bar	£13.83
B/V2072-12	3/4" BSPP	5 bar	£21.03
B/V2072-16	1" BSPP	5 bar	£30.42

### BERLIN® FULL FLOW 'T' HANDLE BSPT MALE / BSPP FEMALE ISO7/1



2200

PART NUMBER	THREAD	THREAD	PRESSURE	PRICE
B/V2073-08	1/2" BSPT	1/2" BSPP	5 bar	£13.73
B/V2073-12	3/4" BSPT	3/4" BSPP	5 bar	£20.84
B/V2073-16	1" BSPT	1" BSPP	5 bar	£30.08

## DESCRIPTION

Suitable for domestic water services, heating and air conditioning plants, compressed air systems. Can be installed in any position: vertical, horizontal, oblique.

## SPECIFICATIONS

Temperature range	-20°C to +100°C (-4°F to +212°F)		
<b>MATERIALS</b>	<b>EUROPA®</b>	<b>YORK®</b>	<b>BLOCK®</b>
Body	Brass	Brass	Brass
Plate	Stainless steel	Nylon	Polymer
Seal	NBR	NBR	NBR
Spring		Stainless steel	

### EUROPA® CHECK VALVE

BSPP FEMALE - ISO 228/1



2200

PART NUMBER	THREAD	PRESSURE	PRICE
B/V3100-06	3/8" BSPP	25 bar	£10.70
B/V3100-08	1/2" BSPP	25 bar	£11.01
B/V3100-12	3/4" BSPP	25 bar	£14.90
B/V3100-16	1" BSPP	25 bar	£20.38
B/V3100-20	1 1/4" BSPP	18 bar	£31.98
B/V3100-24	1 1/2" BSPP	18 bar	£43.31
B/V3100-32	2" BSPP	18 bar	£66.53
B/V3100-40	2 1/2" BSPP	12 bar	£154.09
B/V3100-48	3" BSPP	12 bar	£229.07
B/V3100-64	4" BSPP	12 bar	£383.22

### EUROPA® FOOT VALVE

BSPP FEMALE



2200

PART NUMBER	THREAD	PRESSURE	PRICE
B/V3105-06	3/8" BSPP	25 bar	£12.61
B/V3105-08	1/2" BSPP	25 bar	£13.10
B/V3105-12	3/4" BSPP	25 bar	£17.23
B/V3105-16	1" BSPP	25 bar	£22.60
B/V3105-20	1 1/4" BSPP	18 bar	£35.20
B/V3105-24	1 1/2" BSPP	18 bar	£46.95
B/V3105-32	2" BSPP	18 bar	£71.29
B/V3105-40	2 1/2" BSPP	12 bar	£168.37
B/V3105-48	3" BSPP	12 bar	£243.94
B/V3105-64	4" BSPP	12 bar	£390.94

### YORK® CHECK VALVE

BSPP FEMALE



2200

PART NUMBER	THREAD	PRESSURE	PRICE
B/V3103-06	3/8" BSPP	12 bar	£7.88
B/V3103-08	1/2" BSPP	12 bar	£8.02
B/V3103-12	3/4" BSPP	12 bar	£11.01
B/V3103-16	1" BSPP	12 bar	£14.14
B/V3103-20	1 1/4" BSPP	10 bar	£20.95
B/V3103-24	1 1/2" BSPP	10 bar	£31.17
B/V3103-32	2" BSPP	10 bar	£42.87
B/V3103-40	2 1/2" BSPP	8 bar	£80.57
B/V3103-48	3" BSPP	8 bar	£112.70
B/V3103-64	4" BSPP	8 bar	£196.88

### YORK® FOOT VALVE

BSPP FEMALE



2200

PART NUMBER	THREAD	PRESSURE	PRICE
B/V3108-06	3/8" BSPP	12 bar	£6.57
B/V3108-08	1/2" BSPP	12 bar	£6.59
B/V3108-12	3/4" BSPP	12 bar	£8.53
B/V3108-16	1" BSPP	12 bar	£10.64
B/V3108-20	1 1/4" BSPP	10 bar	£15.21
B/V3108-24	1 1/2" BSPP	10 bar	£22.34
B/V3108-32	2" BSPP	10 bar	£31.80
B/V3108-40	2 1/2" BSPP	6 bar	£61.19
B/V3108-48	3" BSPP	6 bar	£83.91
B/V3108-64	4" BSPP	6 bar	£144.30

### BLOCK® CHECK VALVE

BSPP FEMALE



2200

PART NUMBER	THREAD	PRESSURE	PRICE
B/V3101-08	1/2" BSPP	12 bar	£5.15
B/V3101-12	3/4" BSPP	12 bar	£7.07
B/V3101-16	1" BSPP	12 bar	£9.20
B/V3101-20	1 1/4" BSPP	10 bar	£13.51
B/V3101-24	1 1/2" BSPP	10 bar	£17.97
B/V3101-32	2" BSPP	10 bar	£24.84

### BLOCK® FOOT VALVE

BSPP FEMALE



2200

PART NUMBER	THREAD	PRESSURE	PRICE
B/V3106-08	1/2" BSPP	12 bar	£5.78
B/V3106-12	3/4" BSPP	12 bar	£7.77
B/V3106-16	1" BSPP	12 bar	£9.98
B/V3106-20	1 1/4" BSPP	10 bar	£14.93
B/V3106-24	1 1/2" BSPP	10 bar	£20.02
B/V3106-32	2" BSPP	10 bar	£27.64

## CHECK VALVES

### DESCRIPTION

Suitable for domestic water services, heating and air conditioning plants, and compressed air systems. Can be installed in any position: vertical, horizontal, oblique. Suitable for use with gasoline and fuels in general.

### SPECIFICATIONS

Temperature range	-20°C to +100°C (-4°F to +212°F) with water -20°C to +150°C (-4°F to +302°F) with fluid hydrocarbons or compressed air
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### MATERIALS

Body	Brass
Plate	Stainless steel
Seal	Viton™
Spring	Stainless steel

### ROMA® CHECK VALVE BSPP FEMALE - ISO 228/1



2200

PART NUMBER	THREAD	PRESSURE	PRICE
B/V3104-08	3/8" BSPP	25 bar	£15.56
B/V3104-12	1/2" BSPP	25 bar	£16.46
B/V3104-16	3/4" BSPP	25 bar	£20.54
B/V3104-16	1" BSPP	25 bar	£27.97
B/V3104-20	1 1/4" BSPP	18 bar	£38.26
B/V3104-24	1 1/2" BSPP	18 bar	£53.64
B/V3104-32	2" BSPP	18 bar	£80.25

## STRAINERS FOR USE WITH EUROPA®, YORK®, BLOCK®, ROMA®, CHECK VALVES

### STAINLESS STEEL NYLON THREAD BSPP MALE



2200

PART NUMBER	THREAD	MICRON	PRICE
B/V3102-06	3/8" BSPP	1200 µm	£1.42
B/V3102-08	1/2" BSPP	1200 µm	£1.53
B/V3102-12	3/4" BSPP	1200 µm	£1.75
B/V3102-16	1" BSPP	1200 µm	£1.99
B/V3102-20	1 1/4" BSPP	1200 µm	£2.63
B/V3102-24	1 1/2" BSPP	1200 µm	£3.35
B/V3102-32	2" BSPP	1200 µm	£4.41
B/V3102-40	2 1/2" BSPP	2000 µm	£9.19
B/V3102-48	3" BSPP	2000 µm	£11.17
B/V3102-64	4" BSPP	2000 µm	£15.22

### POLYMER BSPP MALE



2200

PART NUMBER	THREAD	PRICE
B/V3107-06	3/8" BSPP	£0.69
B/V3107-08	1/2" BSPP	£0.77
B/V3107-12	3/4" BSPP	£0.86
B/V3107-16	1" BSPP	£0.96
B/V3107-20	1 1/4" BSPP	£1.47
B/V3107-24	1 1/2" BSPP	£2.19
B/V3107-32	2" BSPP	£3.10

## SWING CHECK AND FOOT VALVES

### DESCRIPTION

Suitable for domestic water services, heating and air conditioning plants, compressed air systems. They can be installed vertically.

### SPECIFICATIONS

Temperature range	0°C to +90°C (32°F to +194°F) with water
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### MATERIALS

Body and plate	Brass
Seals	NBR
Foot valve strainer washer	Fibre
Cracking pressure	0.1 psi

### FOOT VALVE BSPP FEMALE



2200

PART NUMBER	THREAD	PRESSURE	PRICE
B/V3140-08	1/2" BSPP	10 bar	£10.99
B/V3140-12	3/4" BSPP	10 bar	£12.20
B/V3140-16	1" BSPP	10 bar	£14.59
B/V3140-20	1 1/4" BSPP	8 bar	£21.18
B/V3140-24	1 1/2" BSPP	8 bar	£28.09
B/V3140-32	2" BSPP	8 bar	£40.58
B/V3140-40	2 1/2" BSPP	6 bar	£72.60
B/V3140-48	3" BSPP	6 bar	£98.43
B/V3140-64	4" BSPP	6 bar	£167.55

### SWING CHECK VALVE METAL SEAT BSPP FEMALE



2200

PART NUMBER	THREAD	PRESSURE	PRICE
B/V3130-06	3/8" BSPP	16 bar	£11.02
B/V3130-08	1/2" BSPP	16 bar	£10.13
B/V3130-12	3/4" BSPP	16 bar	£13.95
B/V3130-16	1" BSPP	12 bar	£20.75
B/V3130-20	1 1/4" BSPP	10 bar	£30.87
B/V3130-24	1 1/2" BSPP	10 bar	£40.25
B/V3130-32	2" BSPP	10 bar	£56.44
B/V3130-40	2 1/2" BSPP	8 bar	£115.39
B/V3130-48	3" BSPP	8 bar	£159.11
B/V3130-64	4" BSPP	8 bar	£287.17

## 'Y' STRAINERS

### DESCRIPTION

Suitable for domestic water services, heating and air conditioning plants and compressed air systems.

### SPECIFICATIONS

Temperature range -20°C to +110°C (-4°F to +230°F) in absence of steam

MATERIALS	192 SERIES	193 SERIES
Body	Brass	Nickel plated brass

200 µm filtration available in sizes 1/4" to 2". Please ask your distributor for further details.



2200

### 192 SERIES – BSPP FEMALE 500 µm FILTRATION

PART NUMBER	THREAD	PRESSURE	PRICE
B/V2192-04	1/4" BSPP	20 bar	£7.17
B/V2192-06	3/8" BSPP	20 bar	£7.17
B/V2192-08	1/2" BSPP	20 bar	£7.46
B/V2192-12	3/4" BSPP	20 bar	£12.28
B/V2192-16	1" BSPP	20 bar	£19.25
B/V2192-20	1 1/4" BSPP	20 bar	£29.66
B/V2192-24	1 1/2" BSPP	20 bar	£39.24
B/V2192-32	2" BSPP	20 bar	£66.10

### 800 µm FILTRATION

B/V2192-40	2 1/2" BSPP	16 bar	£118.26
B/V2192-48	3" BSPP	16 bar	£169.92
B/V2192-64	4" BSPP	16 bar	£332.57



2200

### 193 SERIES – BSPP FEMALE 500 µm FILTRATION

PART NUMBER	THREAD	PRESSURE	PRICE
B/V219350-04	1/4" BSPP	20 bar	£9.36
B/V219350-06	3/8" BSPP	20 bar	£9.36
B/V219350-08	1/2" BSPP	20 bar	£9.93
B/V219350-12	3/4" BSPP	20 bar	£15.84
B/V219350-16	1" BSPP	20 bar	£24.50
B/V219350-20	1 1/4" BSPP	20 bar	£36.23
B/V219350-24	1 1/2" BSPP	20 bar	£46.98
B/V219350-32	2" BSPP	20 bar	£79.27

### 300 µm FILTRATION

B/V219330-04	1/4" BSPP	20 bar	£9.64
B/V219330-06	3/8" BSPP	20 bar	£9.64
B/V219330-08	1/2" BSPP	20 bar	£10.21
B/V219330-12	3/4" BSPP	20 bar	£16.18
B/V219330-16	1" BSPP	20 bar	£24.95
B/V219330-20	1 1/4" BSPP	20 bar	£36.75
B/V219330-24	1 1/2" BSPP	20 bar	£47.60
B/V219330-32	2" BSPP	20 bar	£80.20

### 50 µm FILTRATION

B/V219305-04	1/4" BSPP	20 bar	£10.84
B/V219305-06	3/8" BSPP	20 bar	£10.84
B/V219305-08	1/2" BSPP	20 bar	£11.41
B/V219305-12	3/4" BSPP	20 bar	£17.64
B/V219305-16	1" BSPP	20 bar	£26.38
B/V219305-20	1 1/4" BSPP	20 bar	£38.59
B/V219305-24	1 1/2" BSPP	20 bar	£49.78
B/V219305-32	2" BSPP	20 bar	£82.55

## PRESSURE REDUCING VALVES

### DESCRIPTION

Suitable for domestic water services, heating and air conditioning plants and compressed air systems. DZR brass construction.



\* 1/2", 3/4" and 1" sizes are WRAS approved products



2200

### PRESSURE REDUCING VALVES BSPP FEMALE ISO228

PART NUMBER	THREAD	PRESSURE	PRICE
B/V4243-08*	1/2" BSPP	25 bar	£58.49
B/V4243-12*	3/4" BSPP	25 bar	£65.20
B/V4243-16*	1" BSPP	25 bar	£94.31
B/V4243-20	1 1/4" BSPP	25 bar	£175.63
B/V4243-24	1 1/2" BSPP	25 bar	£196.68
B/V4243-32	2" BSPP	25 bar	£296.13

## CARTRIDGES

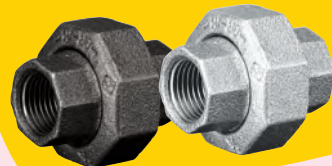
### 192 / 193 SERIES 500 µm FILTRATION

PART NUMBER	FOR STRAINERS	PRICE
B/V2192CA-04	1/4", 3/8", 1/2"	£0.39
B/V2192CA-12	3/4"	£0.54
B/V2192CA-16	1"	£0.69
B/V2192CA-20	1 1/4"	£0.97
B/V2192CA-24	1 1/2"	£1.19
B/V2192CA-32	2"	£1.62

### 800 µm FILTRATION

B/V2192CA-40	2 1/2"	£3.65
B/V2192CA-48	3"	£4.37
B/V2192CA-64	4"	£7.58

Malleable Pipe and Fittings, see section 16.





### APPLICATIONS

- Industrial, pneumatic, domestic and hydraulic installations
- Compressed air
- Water
- Oils
- Gas

### SPECIFICATIONS

Temperature range	-18°C to +80°C (0°F to +176°F)
<b>MATERIALS</b>	
Body	Chrome nickel plated brass



### FULL FLOW BSPT FEMALE – ISO7/1

1450

### FULL FLOW BSPT MALE / BSPP FEMALE ISO7/1

1450

PART NUMBER	THREAD	PRESSURE	PRICE
B/V6300-02	1/8" BSPT	20 bar	£10.83
B/V6300-04	1/4" BSPT	20 bar	£11.29
B/V6300-06	3/8" BSPT	20 bar	£11.82
B/V6300-08	1/2" BSPT	20 bar	£17.04
B/V6300-12	3/4" BSPT	20 bar	£23.37

PART NUMBER	THREAD	THREAD	PRESSURE	PRICE
B/V6310-02	1/8" BSPT	1/8" BSPP	20 bar	£10.83
B/V6310-03	1/4" BSPT	1/8" BSPP	20 bar	£10.89
B/V6310-04	1/4" BSPT	1/4" BSPP	20 bar	£11.29
B/V6310-06	3/8" BSPT	3/8" BSPP	20 bar	£11.67
B/V6310-08	1/2" BSPT	1/2" BSPP	20 bar	£16.88
B/V6310-12	3/4" BSPT	3/4" BSPP	20 bar	£23.06



### FULL FLOW BSPP MALE ISO228 FEMALE ISO7/1

1450

### FULL FLOW BSPT MALE ISO7/1 BSPP MALE ISO228

1450

PART NUMBER	THREAD	THREAD	PRESSURE	PRICE
B/V6320-022	1/8" BSPP	1/8" BSPP	20 bar	£10.83
B/V6320-042	1/4" BSPP	1/8" BSPP	20 bar	£10.83
B/V6320-044	1/4" BSPP	1/4" BSPP	20 bar	£11.14
B/V6320-066	3/8" BSPP	3/8" BSPP	20 bar	£11.64
B/V6320-121	1/2" BSPP	1/2" BSPP	20 bar	£16.79

PART NUMBER	THREAD	THREAD	PRESSURE	PRICE
B/V6330-022	1/8" BSPT	1/8" BSPP	20 bar	£10.80
B/V6330-024	1/8" BSPT	1/4" BSPP	20 bar	£10.80
B/V6330-042	1/4" BSPT	1/8" BSPP	20 bar	£10.83
B/V6330-044	1/4" BSPT	1/4" BSPP	20 bar	£10.73
B/V6330-066	3/8" BSPT	3/8" BSPP	20 bar	£11.39
B/V6330-121	1/2" BSPT	1/2" BSPP	20 bar	£15.91



### FULL FLOW BSPT FEMALE / TUBE – ISO7/1

1450

### FULL FLOW BSPT MALE / TUBE – ISO7/1

1450

PART NUMBER	THREAD	TUBE OD	PRESSURE	PRICE
B/V6340-026	1/8" BSPT	6 mm	20 bar	£12.23
B/V6340-028	1/8" BSPT	8 mm	20 bar	£12.42
B/V6340-048	1/4" BSPT	8 mm	20 bar	£12.92
B/V6340-061	3/8" BSPT	10 mm	20 bar	£13.57
B/V6340-062	3/8" BSPT	12 mm	20 bar	£13.79
B/V6340-084	1/2" BSPT	14 mm	20 bar	£20.44
B/V6340-085	1/2" BSPT	15 mm	20 bar	£20.44
B/V6340-126	3/4" BSPT	16 mm	20 bar	£28.08
B/V6340-128	3/4" BSPT	18 mm	20 bar	£28.11

PART NUMBER	THREAD	TUBE OD	PRESSURE	PRICE
B/V6350-026	1/8" BSPT	6 mm	20 bar	£12.17
B/V6350-028	1/8" BSPT	8 mm	20 bar	£12.42
B/V6350-046	1/4" BSPT	6 mm	20 bar	£12.23
B/V6350-048	1/4" BSPT	8 mm	20 bar	£12.42
B/V6350-061	3/8" BSPT	10 mm	20 bar	£13.26
B/V6350-062	3/8" BSPT	12 mm	20 bar	£13.51
B/V6350-084	1/2" BSPT	14 mm	20 bar	£19.56
B/V6350-085	1/2" BSPT	15 mm	20 bar	£19.56
B/V6350-126	3/4" BSPT	16 mm	20 bar	£26.80
B/V6350-128	3/4" BSPT	18 mm	20 bar	£26.80



### FULL FLOW BSPP FEMALE – ISO228

1450

### FULL FLOW BSPP MALE ISO228 FEMALE ISO228

1450

PART NUMBER	THREAD	PRESSURE	PRICE
B/V6400-02	1/8" BSPP	20 bar	£10.83
B/V6400-04	1/4" BSPP	20 bar	£11.14
B/V6400-06	3/8" BSPP	20 bar	£11.64
B/V6400-08	1/2" BSPP	20 bar	£16.72
B/V6400-12	3/4" BSPP	20 bar	£22.99

PART NUMBER	THREAD	THREAD	PRESSURE	PRICE
B/V6410-022	1/8" BSPP	1/8" BSPP	20 bar	£10.83
B/V6410-042	1/4" BSPP	1/8" BSPP	20 bar	£10.83
B/V6410-044	1/4" BSPP	1/4" BSPP	20 bar	£11.14
B/V6410-066	3/8" BSPP	3/8" BSPP	20 bar	£11.51
B/V6410-121	1/2" BSPP	1/2" BSPP	20 bar	£16.72



**FULL FLOW**  
BSPP MALE – ISO228

1450

PART NUMBER	THREAD	THREAD	PRESSURE	PRICE
B/V6420-02	1/8" BSPP	1/8" BSPP	20 bar	£10.76
B/V6420-03	1/8" BSPP	1/4" BSPP	20 bar	£10.76
B/V6420-04	1/4" BSPP	1/4" BSPP	20 bar	£10.76
B/V6420-05	3/8" BSPP	1/4" BSPP	20 bar	£10.76
B/V6420-06	3/8" BSPP	3/8" BSPP	20 bar	£11.26
B/V6420-07	1/2" BSPP	3/8" BSPP	20 bar	£11.39
B/V6420-08	1/2" BSPP	1/2" BSPP	20 bar	£15.72
B/V6420-09	1/2" BSPP	3/4" BSPP	20 bar	£16.16
B/V6420-12	3/4" BSPP	3/4" BSPP	20 bar	£21.72



**FULL FLOW**  
BSPP FEMALE / TUBE – ISO228

1450

PART NUMBER	THREAD	TUBE OD	PRESSURE	PRICE
B/V6430-026	1/8" BSPP	6 mm	20 bar	£12.26
B/V6430-028	1/8" BSPP	8 mm	20 bar	£12.45
B/V6430-048	1/4" BSPP	8 mm	20 bar	£12.92
B/V6430-061	3/8" BSPP	10 mm	20 bar	£13.51
B/V6430-062	3/8" BSPP	12 mm	20 bar	£13.76
B/V6430-084	1/2" BSPP	14 mm	20 bar	£20.16
B/V6430-085	1/2" BSPP	15 mm	20 bar	£20.16
B/V6430-126	3/4" BSPP	16 mm	20 bar	£27.71
B/V6430-128	3/4" BSPP	18 mm	20 bar	£27.71



**FULL FLOW**  
BSPP MALE / TUBE – ISO228

1450

PART NUMBER	THREAD	TUBE OD	PRESSURE	PRICE
B/V6440-026	1/8" BSPP	6 mm	20 bar	£12.23
B/V6440-028	1/8" BSPP	8 mm	20 bar	£12.42
B/V6440-046	1/4" BSPP	6 mm	20 bar	£12.11
B/V6440-048	1/4" BSPP	8 mm	20 bar	£12.42
B/V6440-041	1/4" BSPP	10 mm	20 bar	£12.60
B/V6440-068	3/8" BSPP	8 mm	20 bar	£12.64
B/V6440-061	3/8" BSPP	10 mm	20 bar	£13.07
B/V6440-062	3/8" BSPP	12 mm	20 bar	£13.26
B/V6440-064	3/8" BSPP	14 mm	20 bar	£14.54
B/V6440-065	3/8" BSPP	15 mm	20 bar	£14.63
B/V6440-081	1/2" BSPP	10 mm	20 bar	£13.26
B/V6440-082	1/2" BSPP	12 mm	20 bar	£14.16
B/V6440-084	1/2" BSPP	14 mm	20 bar	£19.34
B/V6440-085	1/2" BSPP	15 mm	20 bar	£19.34
B/V6440-124	3/4" BSPP	14 mm	20 bar	£20.50
B/V6440-125	3/4" BSPP	15 mm	20 bar	£20.50
B/V6440-126	3/4" BSPP	16 mm	20 bar	£26.49
B/V6440-128	3/4" BSPP	18 mm	20 bar	£26.49



**FULL FLOW**  
TUBE / TUBE

1450

PART NUMBER	TUBE OD	PRESSURE	PRICE
B/V6450-6	6 mm	20 bar	£13.63
B/V6450-8	8 mm	20 bar	£14.13
B/V6450-10	10 mm	20 bar	£14.88
B/V6450-12	12 mm	20 bar	£16.85
B/V6450-15	15 mm	20 bar	£22.53



**FULL FLOW FOOT MOUNTED**  
TUBE / TUBE

1450

PART NUMBER	TUBE OD	PRESSURE	PRICE
B/V6500-8	8 mm	20 bar	£19.66

For Master Pneumatic,  
see section 3.

### APPLICATIONS

- Industrial, pneumatic, domestic and hydraulic installations
- Compressed air
- Water
- Oils

### SPECIFICATIONS

Temperature range	-18°C to +80°C (0°F to +176°F)
<b>MATERIALS</b>	
Body	Chrome nickel plated brass



**FULL FLOW TEE (L PORT)**  
BSPP FEMALE – ISO228

1450



**FULL FLOW TEE (T PORT)**  
BSPP FEMALE – ISO228

1450

PART NUMBER	THREAD	PRESSURE	PRICE
B/V6700-02	1/8" BSPP	20 bar	£25.33
B/V6700-04	1/4" BSPP	20 bar	£25.80
B/V6700-06	3/8" BSPP	20 bar	£28.33

PART NUMBER	THREAD	PRESSURE	PRICE
B/V6710-02	1/8" BSPP	20 bar	£25.33
B/V6710-04	1/4" BSPP	20 bar	£25.80
B/V6710-06	3/8" BSPP	20 bar	£28.33



**FULL FLOW ELBOW**  
BSPP FEMALE – ISO228

1450



**FULL FLOW PUSH-IN VALVE**  
TUBE / TUBE

1450

PART NUMBER	THREAD	PRESSURE	PRICE
B/V6720-02	1/8" BSPP	20 bar	£22.84
B/V6720-04	1/4" BSPP	20 bar	£23.24
B/V6720-06	3/8" BSPP	20 bar	£25.71

PART NUMBER	TUBE OD	PRESSURE	PRICE
B/V6560-04	4 mm	20 bar	£16.19
B/V6560-06	6 mm	20 bar	£17.13
B/V6560-08	8 mm	20 bar	£17.97



**FULL FLOW PUSH FIT VALVE**  
BSPT MALE / TUBE

1450



**FULL FLOW VALVE EXHAUST HOLE**  
BSPP FEMALE

1450

PART NUMBER	THREAD	TUBE OD	PRESSURE	PRICE
B/V6570-024	1/8" BSPT	4 mm	20 bar	£12.82
B/V6570-026	1/8" BSPT	6 mm	20 bar	£13.29
B/V6570-028	1/8" BSPT	8 mm	20 bar	£13.73
B/V6570-046	1/4" BSPT	6 mm	20 bar	£13.51
B/V6570-048	1/4" BSPT	8 mm	20 bar	£13.95

PART NUMBER	THREAD	PRESSURE	PRICE
B/V6600-02	1/8" BSPP	20 bar	£15.91
B/V6600-04	1/4" BSPP	20 bar	£15.97
B/V6600-06	3/8" BSPP	20 bar	£17.25

Fifteen

## BALL VALVE ACCESSORIES

### ACCESSORIES

#### STANDARD HANDLE



1450

PART NUMBER	LENGTH	BALL VALVE SIZE	PRICE
B/V6900-A	19 mm	1/8", 1/4", 3/8"	£0.59
B/V6900-B	26 mm	1/2", 3/4"	£0.66

### ACCESSORIES

#### LONG HANDLE



1450

PART NUMBER	LENGTH	BALL VALVE SIZE	PRICE
B/V6910-A	35 mm	1/8", 1/4", 3/8"	£0.66
B/V6910-B	50 mm	1/2", 3/4"	£0.90

### ACCESSORIES

#### COLOURED PLATE



1450

PART NUMBER	COLOUR	BALL VALVE SIZE	PRICE
B/V6920-AR	Red	1/8", 1/4", 3/8"	£0.22
B/V6920-AB	Blue	1/8", 1/4", 3/8"	£0.22
B/V6920-AY	Yellow	1/8", 1/4", 3/8"	£0.22
B/V6920-AG	Green	1/8", 1/4", 3/8"	£0.22
B/V6920-AW	White	1/8", 1/4", 3/8"	£0.22
B/V6900-BR	Red	1/2", 3/4"	£0.22
B/V6900-BB	Blue	1/2", 3/4"	£0.22
B/V6900-BY	Yellow	1/2", 3/4"	£0.22
B/V6900-BG	Green	1/2", 3/4"	£0.22
B/V6900-BW	White	1/2", 3/4"	£0.22

## SLIDE & NON-RETURN VALVES

### SPECIFICATIONS

Temperature range -18°C to +70°C (0°F to +158°F)

### MATERIALS

Body Nickel plated brass



**SLIDE VALVE  
BSPP FEMALE**

1450

PART NUMBER	THREAD	PRESSURE	PRICE
B/V6060-02	1/8" BSPP	10 bar	£19.91
B/V6060-04	1/4" BSPP	10 bar	£24.68
B/V6060-06	3/8" BSPP	10 bar	£31.73
B/V6060-08	1/2" BSPP	10 bar	£39.97



**NON-RETURN VALVE  
BSPP FEMALE**

1450

PART NUMBER	THREAD	PRESSURE	PRICE
B/V6062-M5	M5	8 bar	£11.70
B/V6062-02	1/8" BSPP	8 bar	£11.14
B/V6062-04	1/4" BSPP	8 bar	£13.76
B/V6062-06	3/8" BSPP	8 bar	£29.98
B/V6062-08	1/2" BSPP	8 bar	£30.83



**NON-RETURN VALVE  
BSPP MALE / BSPP FEMALE**

1450

PART NUMBER	THREAD	THREAD	PRESSURE	PRICE
B/V6063-M5	M5	M5	8 bar	£12.26
B/V6063-02	1/8" BSPP	1/8" BSPP	8 bar	£11.70
B/V6063-04	1/4" BSPP	1/4" BSPP	8 bar	£14.41
B/V6063-06	3/8" BSPP	3/8" BSPP	8 bar	£31.51
B/V6063-08	1/2" BSPP	1/2" BSPP	8 bar	£32.32

## SAFETY LOCKOUT VALVES



### BENEFITS AND FEATURES

- Supplied in safety yellow and red (on the same unit)
- Locks in closed-exhaust position only (an OSHA requirement)
- Operating sleeve resists accidental shut-off, yet slides smoothly without sticking after long periods between operations
- Sleeve rotates for location of a standard padlock
- 50% to 60% less costly than other valve types
- Takes less space than spool, poppet and ball valves
- No handles to remove or vibrate off the valve
- Controlled exhaust rate muffles exhaust noise
- Operating sleeve cannot be removed while valve is locked

### MEETS OSHA REGULATIONS

In compliance with OSHA standards, the V-35 only locks in the closed-exhaust position. It provides positive lockout with any padlock with a shackle diameter up to 3/8".

### SPECIFICATIONS

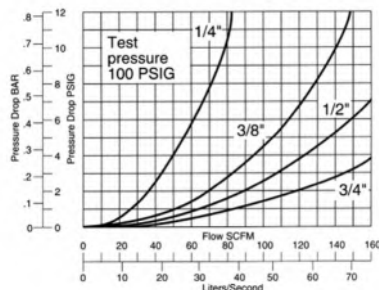
Temperature range +4°C to +65.6°C (+40°F to +150°F)

Working pressure 1 to 250 psi (0.07 to 17.2 bar)

### MATERIALS

Valve body	Hard anodised Teflon-coated aluminium
Valve sleeve	Yellow anodised aluminium
Lockout ring	Red, glass-filled nylon
Seals	Pre-lubricated, floating, Buna-N, O-rings
Media	Compressed air only
Padlocks	Any locking device (key or combination) with a shackle diameter not greater than 3/8"

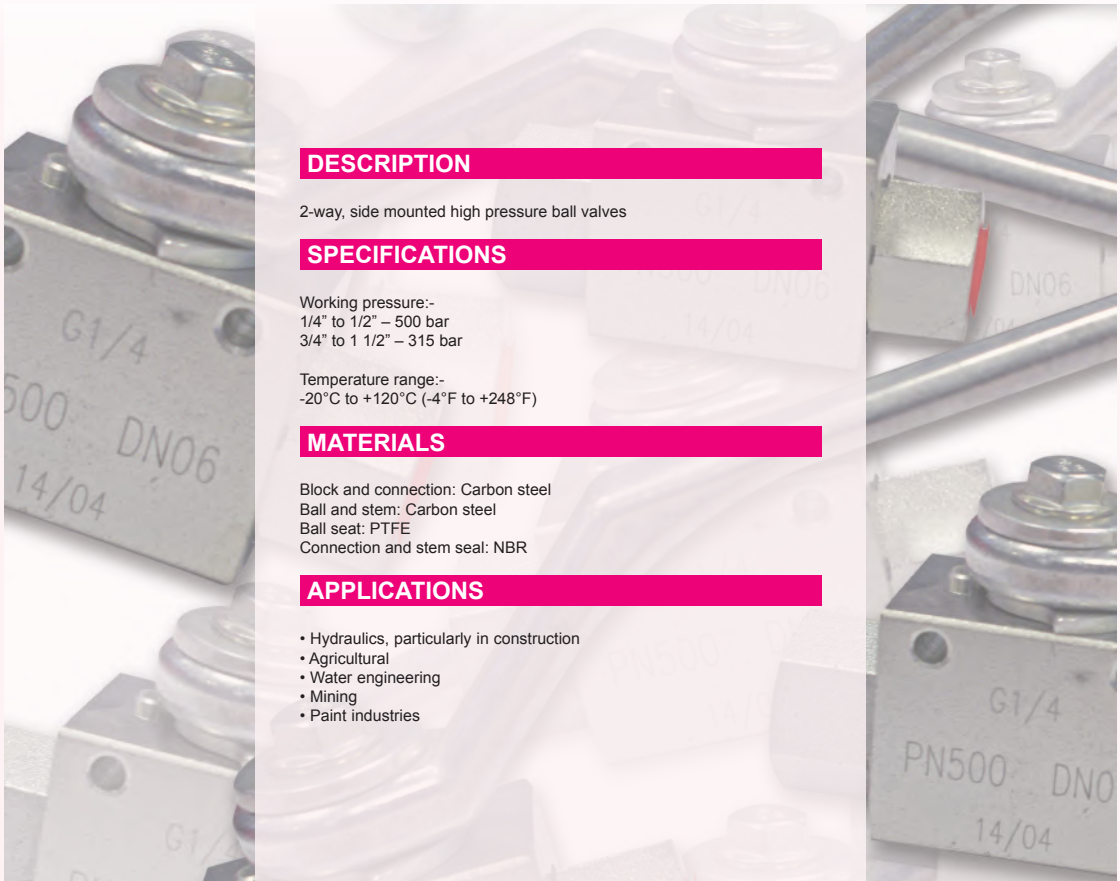
V 35 Sleeve Valve Flow Characteristics



**V-35 SAFETY LOCKOUT VALVES**

3210

PART NUMBER	PORT SIZE	CV AVERAGE	PRICE
M-V35-2W	1/4" BSPP	2.44	£52.37
M-V35-3W	3/8" BSPP	4.59	£52.37
M-V35-4W	1/2" BSPP	5.93	£52.37
M-V35-6W	3/4" BSPP	7.29	£52.37



## DESCRIPTION

2-way, side mounted high pressure ball valves

## SPECIFICATIONS

Working pressure:-  
1/4" to 1/2" – 500 bar  
3/4" to 1 1/2" – 315 bar

Temperature range:-  
-20°C to +120°C (-4°F to +248°F)

## MATERIALS

Block and connection: Carbon steel  
Ball and stem: Carbon steel  
Ball seat: PTFE  
Connection and stem seal: NBR

## APPLICATIONS

- Hydraulics, particularly in construction
- Agricultural
- Water engineering
- Mining
- Paint industries



**HBV SERIES 2-WAY  
CARBON STEEL**

2235

PART NUMBER	BODY SIZE	THREAD	PRESSURE	PRICE
B/VHBV-WM-G04	1/4"	1/4" BSPP	500 bar	£16.11
B/VHBV-WM-G06	3/8"	3/8" BSPP	500 bar	£20.19
B/VHBV-WM-G08	1/2"	1/2" BSPP	500 bar	£21.15
B/VHBV-WM-G12	3/4"	3/4" BSPP	315 bar	£38.47
B/VHBV-WM-G16	1"	1" BSPP	315 bar	£58.00
B/VHBV-WM-G20	1"	1 1/4" BSPP	315 bar	£71.72
B/VHBV-WM-G24	1"	1 1/2" BSPP	315 bar	£84.85

For Hydraulic  
Needle Valves,  
see page  
252.



## 2-WAY BALL VALVES

Rötelmann's 2-way ball valves are made from stainless steel, steel or aluminium and can be used at up to 1500 bar. They offer numerous variants for different intended applications. For example, the 2-way ball valves can be automated with pneumatic, electric or hydraulic actuators, and can be supplied with limit switches, proximity switches, locking devices and detents. So that everything fits together properly, they also produce all common types of thread, flange and plug connectors, as well as ball valves, for manifold mounting and for manifold insertion in cartridge form.

- Nominal diameters from 4 to 127
- High-grade materials like steel, stainless steel or aluminium for pressures up to 1500 bar (21750 psi)
- Zinc nickel plating gives up to 1000 hours resistance in salt spraying test
- With optional pneumatic, electric or hydraulic actuator
- Also available with limit switch, proximity switch, locking device or detent

## MULTI-WAY BALL VALVES

Rötelmann's multi-way ball valves are produced in nominal widths DN 4 to DN 65, with floating ball or trunnion ball. DN 65 only for manifold valves, threaded connections up to DN 50. They are also available for pipe mounting, manifold mounting and manifold insertion. The enclosures are made from stainless steel, steel or aluminium and are designed for use at up to 500 bar. For precise automatic control, they can optionally supply the multi-way ball valves with pneumatic, electric or hydraulic actuators, as well as limit switches, proximity switches and locking devices.

- Nominal diameters from 4 to 65
- Nominal pressures up to 500 bar (7250 psi)
- Zinc nickel plated gives up to 1000 hours resistance in salt spraying test
- With optional pneumatic, electric or hydraulic actuator
- Also available with limit switch, proximity switch, locking device or detent

## VALVES

Rötelmann's needle valves, check valves and flow control valves have thread connections from DN 4 to DN 50. Their enclosures and spindles, or threaded connectors, are made from steel. The flow in Rötelmann's check valves is not reduced.

## CHECK VALVES

- With threaded connector: Steel DN 4 – DN 50
- Full flow, no reduction
- Custom orders upon request
- Opening pressures: 1 bar for DN 4 and DN 6, 0.5 bar for all other sizes
- Available with BSP connector ISO 228-1 and with connectors for light and heavy range series according to DIN 2353
- Also available in stainless steel

## NEEDLE VALVES

- DN 4 – DN 50
- Body and Spindle of steel, Rotary aluminium knob (closed design)
- PN: 350 bar
- Custom orders upon request
- Also available in stainless steel

## FLOW CONTROL VALVES

- DN 4 – DN 50
- Body and Spindle of steel, Rotary aluminium knob (closed design)
- PN: 350 bar
- Opening pressure: 0.5 bar
- Custom orders upon request
- Also available in stainless steel

All technical information and dimensions subject to change without notice

### 2-WAY – STEEL – DN4 – DN40/25

#### MATERIALS

Body	Zinc nickel plated
Ball	Steel, hard chrome plated
Stem	Steel, zinc plated
Ball seals	POM
Stem seals	NBR
Handle	Zinc, die cast

New



**2-WAY BALL VALVE  
BSPP FEMALE ISO 228-1**

2225

PART NUMBER	DN	THREAD	MAX. PRESSURE	SPARE HANDLE CODE	PRICE
B/VBKH-02	4	1/8" BSPP	500 bar	12	£22.58
B/VBKH-04	6	1/4" BSPP	500 bar	12	£25.58
B/VBKH-06	10	3/8" BSPP	500 bar	13	£25.49
B/VBKH-08	12	1/2" BSPP	500 bar	14	£28.88
B/VBKH-10	16	5/8" BSPP	420 bar	14	£43.19
B/VBKH-12	20	3/4" BSPP	420 bar	15	£54.70
B/VBKH-16	25	1" BSPP	420 bar	15	£72.90
B/VBKH-20	32/25	1 1/4" BSPP	420 bar	15	£140.07
B/VBKH-24	40/25	1 1/2" BSPP	420 bar	15	£168.48

New



**2-WAY BALL VALVE  
LIGHT SERIES DIN2353**

2225

PART NUMBER	DN	THREAD	MAX. PRESSURE	SPARE HANDLE CODE	PRICE
B/VBKH-6L	4	M12 x 1.5	500 bar	12	£22.58
B/VBKH-8L	6	M14 x 1.5	500 bar	12	£21.35
B/VBKH-10L	8	M16 x 1.5	500 bar	13	£22.79
B/VBKH-12L	10	M18 x 1.5	500 bar	13	£22.79
B/VBKH-15L	12	M22 x 1.5	500 bar	14	£25.76
B/VBKH-18L	16	M26 x 1.5	420 bar	14	£43.19
B/VBKH-22L	20	M30 x 2	420 bar	15	£51.90
B/VBKH-28L	25	M36 x 2	420 bar	15	£64.53
B/VBKH-35L	32/25	M45 x 2	420 bar	15	£163.36
B/VBKH-42L	40/25	M52 x 2	420 bar	15	£178.11

New



**2-WAY BALL VALVE  
HEAVY SERIES DIN2353**

2225

PART NUMBER	DN	THREAD	MAX. PRESSURE	SPARE HANDLE CODE	PRICE
B/VBKH-8S	4	M16 x 1.5	500 bar	12	£22.58
B/VBKH-10S	6	M18 x 1.5	500 bar	12	£21.35
B/VBKH-12S	8	M20 x 1.5	500 bar	13	£22.79
B/VBKH-14S	10	M22 x 1.5	500 bar	13	£22.79
B/VBKH-16S	12	M24 x 1.5	500 bar	14	£25.76
B/VBKH-20S	16	M30 x 1.5	420 bar	14	£43.19
B/VBKH-25S	20	M36 x 2	420 bar	15	£51.90
B/VBKH-30S	25	M42 x 2	420 bar	15	£64.53
B/VBKH-38S	32/25	M52 x 2	420 bar	15	£163.36

### 3-WAY – STEEL – DN4 – DN40/25

#### MATERIALS

Cycling	90°
Body	Zinc nickel plated
Ball	Steel, hard chrome plated
Stem	Steel, zinc plated
Ball seals	POM
Stem seals	NBR
Handle	Zinc, die cast

New



**3-WAY BALL VALVE  
BSPP FEMALE "T" PORTED  
ISO 228-1**

2225

PART NUMBER	DN	THREAD	MAX. PRESSURE	SPARE HANDLE CODE	PRICE
B/VBK3-02T	4	1/8" BSPP	500 bar	12	£67.00
B/VBK3-04T	6	1/4" BSPP	500 bar	12	£67.00
B/VBK3-06T	10	3/8" BSPP	500 bar	13	£66.30
B/VBK3-08T	12	1/2" BSPP	500 bar	14	£68.41
B/VBK3-12T	20	3/4" BSPP	400 bar	15	£118.62
B/VBK3-16T	25	1" BSPP	400 bar	15	£163.19
B/VBK3-20T	32/25	1 1/4" BSPP	400 bar	15	£192.61
B/VBK3-24T	40/25	1 1/2" BSPP	400 bar	15	£293.63

New



**3-WAY BALL VALVE  
BSPP FEMALE "L" PORTED  
ISO 228-1**

2225

PART NUMBER	DN	THREAD	MAX. PRESSURE	SPARE HANDLE CODE	PRICE
B/VBK3-02L	4	1/8" BSPP	500 bar	12	£52.25
B/VBK3-04L	6	1/4" BSPP	500 bar	12	£52.91
B/VBK3-06L	10	3/8" BSPP	500 bar	13	£51.87
B/VBK3-08L	12	1/2" BSPP	500 bar	14	£59.41
B/VBK3-12L	20	3/4" BSPP	400 bar	15	£115.11
B/VBK3-16L	25	1" BSPP	400 bar	15	£152.27
B/VBK3-20L	32/25	1 1/4" BSPP	400 bar	15	£188.31
B/VBK3-24L	40/25	1 1/2" BSPP	400 bar	15	£253.68

## 2 WAY – STAINLESS STEEL – DN4 – DN25

### MATERIALS

Body, ball & stem	Stainless steel
Ball seals	POM
Stem seals	FKM
Handle	Zinc, die cast
Stop plate	Steel, zinc plated

New



**2 WAY BALL VALVE**  
BSPP FEMALE ISO 228-1

2225

PART NUMBER	DN	THREAD	MAX. PRESSURE	SPARE HANDLE CODE	PRICE
B/VBKHSS-02	4	1/8" BSPP	500 bar	12 / 32	£102.25
B/VBKHSS-04	6	1/4" BSPP	500 bar	12 / 32	£98.58
B/VBKHSS-06	10	3/8" BSPP	500 bar	13 / 33	£109.55
B/VBKHSS-08	12	1/2" BSPP	500 bar	14 / 34	£131.46
B/VBKHSS-12	20	3/4" BSPP	420 bar	14 / 34	£231.14
B/VBKHSS-16	25	1" BSPP	420 bar	15 / 35	£259.29

## HANDLES

New



**SPARE HANDLES**  
STEEL – DN4 – DN40/25

2225

PART NUMBER	HANDLE CODE	PRICE
B/V903709	12	£8.89
B/V903708	13	£5.08
B/V903706	14	£9.56
B/V903694	15	£11.18

New



**SPARE HANDLES**  
STAINLESS STEEL – DN4 – DN25

2225

PART NUMBER	HANDLE CODE	PRICE
B/V903749	32	£19.41
B/V903750	33	£23.75
B/V903751	34	£27.38
B/V903752	35	£36.17

Locking mechanisms also available.  
Please contact your distributor for further information.

## CHECK VALVES – STEEL – DN4 – DN32

### MATERIALS

Body	Steel, zinc nickel plated
Seat	POM
O-rings	FKM
Opening pressures	1 bar for DN 4 & DN 6 0.5 bar for all other sizes

New



2225

**CHECK VALVE**  
BSPP FEMALE ISO 228-1

PART NUMBER	DN	THREAD	MAX. PRESSURE	PRICE
B/VNVRV-02	4	1/8" BSPP	420 bar	£52.40
B/VNVRV-04	6	1/4" BSPP	420 bar	£48.51
B/VNVRV-06	10	3/8" BSPP	420 bar	£58.04
B/VNVRV-08	12	1/2" BSPP	420 bar	£63.47
B/VNVRV-12	20	3/4" BSPP	420 bar	£83.44
B/VNVRV-16	25	1" BSPP	420 bar	£104.01
B/VNVRV-20	32	1 1/4" BSPP	420 bar	£345.03

## NEEDLE VALVES – STEEL – DN4 – DN32

### MATERIALS

Body	Steel, zinc nickel plated
Spindle	Steel
Rotary knob	Aluminium
O-rings	NBR

New



2225

**NEEDLE VALVE**  
BSPP FEMALE ISO 228-1

PART NUMBER	DN	THREAD	MAX. PRESSURE	PRICE
B/VNDV-02	4	1/8" BSPP	350 bar	£50.89
B/VNDV-04	6	1/4" BSPP	350 bar	£47.49
B/VNDV-06	10	3/8" BSPP	350 bar	£50.98
B/VNDV-08	12	1/2" BSPP	350 bar	£60.93
B/VNDV-12	20	3/4" BSPP	350 bar	£80.83
B/VNDV-16	25	1" BSPP	350 bar	£162.94
B/VNDV-20	32	1 1/4" BSPP	350 bar	£200.70

## HIGH PRESSURE FLOW CONTROL VALVES – STEEL – DN4 – DN32

### MATERIALS

Body	Steel, zinc nickel plated
Spindle	Steel
Rotary knob	Aluminium
O-rings	NBR
Opening pressures	1 bar for DN 4 & DN 6 0.5 bar for all other sizes

New



2225

**FLOW CONTROL VALVE**  
BSPP FEMALE ISO 228-1

PART NUMBER	DN	THREAD	MAX. PRESSURE	PRICE
B/VNDRV-02	4	1/8" BSPP	350 bar	£64.19
B/VNDRV-04	6	1/4" BSPP	350 bar	£56.03
B/VNDRV-06	10	3/8" BSPP	350 bar	£64.11
B/VNDRV-08	12	1/2" BSPP	350 bar	£77.62
B/VNDRV-12	20	3/4" BSPP	350 bar	£100.73
B/VNDRV-16	25	1" BSPP	350 bar	£188.14
B/VNDRV-20	32	1 1/4" BSPP	350 bar	£263.33



## CHECK VALVES

### SPECIFICATIONS

Fluid Viscosity	10 – 500 mm 2/5 45 – 2000 ssu (6 – 420 cSt)
Filtration	ISO code 16/13 SAE class 4 or better
Fluid temperature	-20°C to +80°C (-4°F to +176°F)
Ambient temperature	-20°C to +50°C (-4°F to +122°F)

### VUR-BSPP SERIES BALL TYPE



8025

PART NUMBER	THREAD	MAX. PRESSURE	PRICE
DCA-VUR180SF1	1/8" BSPP	400 bar	£9.09
DCA-VUR140SF1	1/4" BSPP	350 bar	£7.33
DCA-VUR380SF1	3/8" BSPP	350 bar	£8.76
DCA-VUR120SF1	1/2" BSPP	320 bar	£11.31

### POPPET TYPE

DCA-VUR340SP1	3/4" BSPP	300 bar	£21.49
DCA-VUR100SP1	1" BSPP	250 bar	£49.96
DCA-VUR114SP1	1 1/4" BSPP	250 bar	£62.48
DCA-VUR112SP1	1 1/2" BSPP	210 bar	£73.63
DCA-VUR200SP1	2" BSPP	150 bar	£113.81

## SHUTTLE BALL VALVES

### SPECIFICATIONS

Fluid Viscosity	10 – 500 mm 2/5 45 – 2000 ssu (6 – 420 cSt)
Filtration	ISO code 16/13 SAE class 4 or better
Fluid temperature	-20°C to +80°C (-4°F to +176°F)
Ambient temperature	-20°C to +50°C (-4°F to +122°F)

### VUSF SERIES



8025

PART NUMBER	THREAD	MAX. PRESSURE	PRICE
DCA-VUSF140N	1/4" BSPP	350 bar	£20.72
DCA-VUSF380N	3/8" BSPP	350 bar	£20.72
DCA-VUSF120N	1/2" BSPP	350 bar	£32.67

## FLOW CONTROL VALVES

### SPECIFICATIONS

Fluid Viscosity	10 – 500 mm 2/5 45 – 2000 ssu (6 – 420 cSt)
Filtration	ISO code 16/13 SAE class 4 or better
Fluid temperature	-20°C to +80°C (-4°F to +176°F)
Ambient temperature	-20°C to +50°C (-4°F to +122°F)

### STUF-BSPP SERIES UNIDIRECTIONAL



8025

PART NUMBER	THREAD	MAX. PRESSURE	PRICE
DCA-STUF140	1/4" BSPP	400 bar	£28.27
DCA-STUF380	3/8" BSPP	400 bar	£28.38
DCA-STUF120	1/2" BSPP	400 bar	£34.62
DCA-STUF340	3/4" BSPP	400 bar	£64.55
DCA-STUF100	1" BSPP	250 bar	£88.66

### VURF SERIES – BARREL TYPE UNIDIRECTIONAL



8025

PART NUMBER	THREAD	PRICE
DCA-VURF140	1/4" BSPP	£32.03
DCA-VURF380	3/8" BSPP	£35.71
DCA-VURF120	1/2" BSPP	£43.23
DCA-VURF340	3/4" BSPP	£64.55
DCA-VURF100	1" BSPP	£95.30

### BIDIRECTIONAL

DCA-VRBF140	1/4" BSPP	£30.29
DCA-VRBF380	3/8" BSPP	£32.03
DCA-VRBF120	1/2" BSPP	£33.46
DCA-VRBF340	3/4" BSPP	£56.89

### STBF-BSP SERIES BIDIRECTIONAL



8025

PART NUMBER	THREAD	MAX. PRESSURE	PRICE
DCA-STBF140	1/4" BSPP	400 bar	£24.55
DCA-STBF380	3/8" BSPP	400 bar	£25.19
DCA-STBF120	1/2" BSPP	400 bar	£30.61
DCA-STBF340	3/4" BSPP	400 bar	£53.55
DCA-STBF100	1" BSPP	250 bar	£73.59

## BRONZE BALL VALVE – LEVER OP

### FEATURES

- Screwed BSP taper
- PTFE seats & seals
- Blow-out proof stem
- Full bore
- PN40 rated

### SPECIFICATIONS

Maximum pressure	40 bar
Working temperature	-10°C to +140°C



**ART 345**  
PN40 BSPT

2240

PART NUMBER	THREAD	LENGTH	PRICE
aABRO345050	1/2"	55 mm	£21.55
aABRO345075	3/4"	62 mm	£27.50
aABRO345100	1"	73 mm	£35.28
aABRO345125	1 1/4"	83 mm	£69.15
aABRO345150	1 1/2"	92 mm	£86.04
aABRO345200	2"	107 mm	£133.03

## BRONZE GLOBE VALVE – HANDWHEEL

### FEATURES

- Screwed BSP taper
- Union bonnet
- PTFE renewable disc
- Bronze body
- Rising stem
- BS 5154 (BS EN12288)

### SPECIFICATIONS

Maximum pressure	32 bar
Working temperature	-10°C to +200°C



**ART 350**  
PN32 BSPT

2240

PART NUMBER	THREAD	LENGTH	PRICE
aABRO350050	1/2"	57.0 mm	£56.32
aABRO350075	3/4"	67.0 mm	£78.27
aABRO350100	1"	76.5 mm	£113.30
aABRO350125	1 1/4"	88.0 mm	£157.47
aABRO350150	1 1/2"	102.5 mm	£235.21
aABRO350200	2"	121.5 mm	£358.15

## BRONZE GATE VALVE – HANDWHEEL

### FEATURES

- Screwed BSP taper
- PN20 5154 (BS EN12288)
- Bronze body & disc
- Screwed bonnet

### SPECIFICATIONS

Maximum pressure	20 bar
Working temperature	-10°C to +180°C



**ART 375HW**  
PN20 BSPT

2240

PART NUMBER	THREAD	LENGTH	PRICE
aABRO375HW050	1/2"	47.5 mm	£30.84
aABRO375HW075	3/4"	51.5 mm	£38.11
aABRO375HW100	1"	58.6 mm	£52.55
aABRO375HW125	1 1/4"	63.0 mm	£71.16
aABRO375HW150	1 1/2"	66.5 mm	£93.26
aABRO375HW200	2"	73.5 mm	£141.60

## BRONZE GATE VALVE – LOCKSHIELD

### FEATURES

- Screwed BSP Taper
- PN20 Rated
- Screwed Bonnet
- Bronze body & disc
- BS 5154 (BS EN12288)
- Lock shield

### SPECIFICATIONS

Maximum pressure	20 bar
Working temperature	-10°C to +180°C



**ART 375LS**  
PN20 BSPT

2240

PART NUMBER	THREAD	LENGTH	PRICE
aABRO375LS050	1/2"	47.5 mm	£32.10
aABRO375LS075	3/4"	51.5 mm	£39.68
aABRO375LS100	1"	58.6 mm	£54.65
aABRO375LS125	1 1/4"	63.0 mm	£73.99
aABRO375LS150	1 1/2"	66.5 mm	£96.94
aABRO375LS200	2"	73.5 mm	£147.27

## BRONZE Y TYPE STRAINER

### FEATURES

- Screwed BSP taper
- Screwed cap
- PN20 rated
- Bronze body
- Standard screen 0.75 mm Perforations



**ART 368**  
PN20 BSPT

2240

PART NUMBER	THREAD	LENGTH	PRICE
aABRO368050	1/2"	80 mm	£29.16
aABRO368075	3/4"	100 mm	£38.84
aABRO368100	1"	115 mm	£60.76
aABRO368125	1 1/4"	135 mm	£88.12
aABRO368150	1 1/2"	160 mm	£114.70
aABRO368200	2"	190 mm	£186.92

## BRONZE SWING CHECK VALVE

### FEATURES

- Screwed BSP taper
- Bronze disc
- BS 5154 (BS EN12288)
- Bronze body
- PN20 rated



**ART 384**  
PN20 BSPT

2240

PART NUMBER	THREAD	LENGTH	PRICE
aABRO384050	1/2"	56.0 mm	£27.45
aABRO384075	3/4"	70.5 mm	£37.28
aABRO384100	1"	80.0 mm	£49.59
aABRO384125	1 1/4"	96.5 mm	£69.83
aABRO384150	1 1/2"	110.0 mm	£91.70
aABRO384200	2"	129.0 mm	£138.98

## HOSEGUARD® AIR FUSES

### APPLICATIONS

- Suitable for every application where compressed air is used
- Cleanrooms
- Offshore
- Medical industries

### FEATURES / BENEFITS

- Protects personnel, machinery, and plant
- Maintenance friendly – repair possible while plant is still working
- Economic: competitive pricing, no unnecessary repairs
- Complies with EN ISO 4414/ISO 4414 5.4.5.11.1 machine directive 2006/42/EG
- MSHA (Mine Safety and Health Administration) Regulations: 30 CFR Sections 56.13021 high pressure hose connection states: 30 CFR sections 57.1730. Compressed air, general, compressed air systems.
- Reliable and tamper proof, no adjustment necessary
- Lightweight – compact size
- Compatible with all pneumatic systems
- Can be used as a flow blocker
- CE marked
- EU Registered Utility Model No. 0025 73 525
- USA / US Design Patent D 475,126

### SPECIFICATIONS

Temperature - 1/4" – 1/2" 3/4" – 2"	-20°C to +80°C (-4°F to +176°F) -20°C to +120°C (-4°F to +248°F)
Max. pressure	18 bar (261 psi)
Media	Compressed air
Pressure loss	0.05 to 0.1 bar (0.7 to 1.5 psi)
Pressure loss by closing	0.3 bar (5 psi)
Applicable standards	2011/65/EU – CE RoHS 2012/19/EU – WEEE 1907/2006/EU – REACH

### MATERIALS

Housing	Stainless steel or aluminium
Other Parts	Nitrile rubber, plastic, stainless steel

For technical data, please visit our literature section online.



### HOSEGUARD® AIR FUSE BSP MALE / FEMALE



5100

PART NUMBER	THREAD	MAX. PRESSURE	FLOW AT 8 BAR	PRICE
PA281A0221	1/4" BSPP	18 bar	760 NI/Min	£40.32
PA281A0321	3/8" BSPP	18 bar	1080 NI/Min	£53.44
PA281A0421	1/2" BSPP	18 bar	3020 NI/Min	£62.72

### LOW FLOW

PA281ZL0221	1/4" BSPP	18 bar	52 NI/Min	£42.24
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### HIGH FLOW

PA281ZH0221	1/4" BSP	18 bar	990 NI/Min	£50.24
PA281ZH0321	3/8" BSP	18 bar	1450 NI/Min	£66.88
PA281ZH0421	1/2" BSP	18 bar	3440 NI/Min	£78.40

### HOSEGUARD® STAINLESS STEEL AIR FUSE BSP MALE / FEMALE HIGH FLOW



5100

PART NUMBER	THREAD	MAX. PRESSURE	FLOW AT 8 BAR	PRICE
PA281RZH0221	1/4" BSPP	18 bar	990 NI/Min	£300.96
PA281RZH0421	1/2" BSPP	18 bar	3440 NI/Min	£324.00

### HOSEGUARD® STAINLESS STEEL AIR FUSE BSP FEMALE / FEMALE



5100

PART NUMBER	THREAD	MAX. PRESSURE	FLOW AT 8 BAR	PRICE
PA281RZ0211	1/4" BSPP	18 bar	990 NI/Min	£224.64
PA281RZ0411	1/2" BSPP	18 bar	3440 NI/Min	£234.72

### HOSEGUARD® AIR FUSE BSP FEMALE / FEMALE



5100

PART NUMBER	THREAD	MAX. PRESSURE	FLOW AT 8 BAR	PRICE
PA281A0211	1/4" BSPP	18 bar	760 NI/Min	£39.04
PA281A0311	3/8" BSPP	18 bar	1080 NI/Min	£51.84
PA281A0411	1/2" BSPP	18 bar	3020 NI/Min	£60.80
PA281A0511	3/4" BSPP	18 bar	4070 NI/Min	£131.84
PA281A0611	1" BSPP	18 bar	5220 NI/Min	£244.80

### LOW FLOW

PA281ZL0211	1/4" BSPP	18 bar	52 NI/Min	£41.28
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### HIGH FLOW

PA281ZH0211	1/4" BSPP	18 bar	990 NI/Min	£48.96
PA281ZH0311	3/8" BSPP	18 bar	1450 NI/Min	£64.64
PA281ZH0411	1/2" BSPP	18 bar	3440 NI/Min	£76.16
PA281ZH0511	3/4" BSPP	18 bar	5250 NI/Min	£218.88
PA281ZH0611	1" BSPP	18 bar	7600 NI/Min	£406.08

NPT threads  
and larger  
sizes available  
upon request.

## IN-LINE PRESET REGULATORS

### DESCRIPTION

New ISO standards have lowered the acceptable lead concentration in food and beverage regulators from 25 mg/L to 5 mg/L. The new EcoReg® in-line regulator is NSF 61 and 169 certified and recommended for any food or beverage application.

### APPLICATIONS

- Coffee machines
- Dental industry
- Drinking water
- Food industry
- Medical industry
- Vending machines

### FEATURES / BENEFITS

- Factory pressure presetting
- Reduces consumption
- Reliability
- Service free – no adjustment needed
- Tamper proof
- Lightweight – compact construction
- Easy to mount in any water supply system
- Extension by sprinkler equipment
- In compliance with NSF / FDA regulations

### SPECIFICATIONS

Temperature	Water: +4°C to +60°C (+39°F to 140°F) Other gases: 0°C to +60°C (+32°F to +140°F)
Max. inlet pressure	Water: 10 bar (145 psi) Other gases: 18 bar (260 psi)
Media	Water and other fluids
Variation in pre-set pressure	1 to 3 bar: +/-0.3 bar (4.35 psi) at 10 l/min 3.5 to 8 bar: +/-10%
Applicable standards	2011/65/EU – CE RoHS 2012/19/EU – WEEE 1907/2006/EU – REACH

### MATERIALS

Housing	Grivory®
Spindle	DIN 1.4404 / AISI 316L
Diaphragm	Nitrile / EPDM
Spring	DIN 1.4310 / AISI 301
Valve seat	PPH

For technical data, please visit our literature section online.

### DESCRIPTION

The OxyReg pressure regulator ensures a constant output pressure. An independent diaphragm, lead free regulator, it has been preset by the factory, which reduces the cost of wasted oxygen due to overpressure.

### APPLICATIONS

- Anaesthetic equipment
- Respiratory equipment
- Nitrogen filled systems
- Food and drink preservation equipment

### FEATURES / BENEFITS

- High quality materials
- Factory preset pressure
- Service free – no adjustment needed
- Tamper proof
- No pressure gauge needed
- Lightweight – compact, in-line construction
- Saves energy – reduces costs
- Highly reliable
- Locked to prevent pressure change – tamper proof

### SPECIFICATIONS

Temperature	+4°C to +60°C (+39°F to +140°F)
Max. inlet pressure	18 bar (261 psi)
Media	Oxygen and other inert gases, such as nitrogen, argon etc
Outlet pressure (pre-set)	1 to 8 bar (14.5 to 116 psi)
Applicable standards	2011/65/EU – CE RoHS 2012/19/EU – WEEE 1907/2006/EU – REACH

### MATERIALS

Housing	Grivory® GV-5 FWA
Other Parts	Stainless steel

For technical data, please visit our literature section online.



5100

### ECOREG® IN-LINE REGULATOR FEMALE / FEMALE FOR DRINKING WATER AND OTHER FLUIDS

PART NUMBER	THREAD	PRE-SET PRESSURE	PRICE
PA239K0210	1/4" BSPP	1.0 bar	£59.52
PA239K0215	1/4" BSPP	1.5 bar	£62.40
PA239K0220	1/4" BSPP	2.0 bar	£59.52
PA239K0225	1/4" BSPP	2.5 bar	£62.40
PA239K0230	1/4" BSPP	3.0 bar	£59.52
PA239K0235	1/4" BSPP	3.5 bar	£62.40
PA239K0240	1/4" BSPP	4.0 bar	£59.52
PA239K0245	1/4" BSPP	4.5 bar	£62.40
PA239K0250	1/4" BSPP	5.0 bar	£59.52
PA239K0255	1/4" BSPP	5.5 bar	£62.40
PA239K0260	1/4" BSPP	6.0 bar	£59.52
PA239K0265	1/4" BSPP	6.5 bar	£62.40
PA239K0270	1/4" BSPP	7.0 bar	£59.52
PA239K0280	1/4" BSPP	8.0 bar	£59.52



### OXYREG® IN-LINE REGULATOR FEMALE / FEMALE PRESET REGULATOR FOR OXYGEN



5100

PART NUMBER	THREAD	PRE-SET PRESSURE	PRICE
PA234KM0210	1/4" BSPP	1.0 bar	£77.76
PA234KM0215	1/4" BSPP	1.5 bar	£77.76
PA234KM0220	1/4" BSPP	2.0 bar	£77.76
PA234KM0225	1/4" BSPP	2.5 bar	£77.76
PA234KM0230	1/4" BSPP	3.0 bar	£77.76
PA234KM0235	1/4" BSPP	3.5 bar	£77.76
PA234KM0240	1/4" BSPP	4.0 bar	£77.76
PA234KM0245	1/4" BSPP	4.5 bar	£77.76
PA234KM0250	1/4" BSPP	5.0 bar	£77.76
PA234KM0255	1/4" BSPP	5.5 bar	£77.76
PA234KM0260	1/4" BSPP	6.0 bar	£77.76
PA234KM0265	1/4" BSPP	6.5 bar	£77.76
PA234KM0270	1/4" BSPP	7.0 bar	£77.76
PA234KM0280	1/4" BSPP	8.0 bar	£77.76

## IN-LINE PRESET REGULATORS

### APPLICATIONS

- Piping and compressed air systems
- Compressed air used in automation for actuation
- Control, feeding or transportation
- "Pick and Place" units in automatic assembly systems

### FEATURES / BENEFITS

- Supplies tools exclusively with the specified pressure
- No pressure gauge needed
- Prevents compressed air waste
- Saves energy – reduces cost
- Highly reliable
- Tamper proof
- Locked to prevent pressure change
- Small and compact
- Increases tool service life

### SPECIFICATIONS

Temperature	Other gases 0°C to +60°C (+32°F to +140°F)
Max. inlet pressure	18 bar (255 psi)
Media	Compressed air
Variation in pre-set pressure	1 to 3.5 bar: +/-0.3 bar – at 10 l/min 4 to 8 bar: +/-10%
Applicable standards	2011/65/EU – CE RoHS 2012/19/EU – WEEE 1907/2006/EU – REACH

### MATERIALS

Housing	Zinc
Other Parts	Brass, nitrile rubber, stainless steel

For technical data, please visit our literature section online.

### APPLICATIONS

- Pneumatic blow guns
- Pneumatic tools
- "Pick and Place" units and automatic assembly lines

### FEATURES / BENEFITS

- Safety - protects personnel, machinery and plant by avoiding pressure surges
- Ensures optimal air tool efficiency by supplying a constant preset pressure
- Prevents compressed air waste, limits excessive compressed air consumption and reduces energy costs
- Limits excessive compressed air consumption - reducing energy costs
- Easy assembly; can be integrated into any 1/4" pneumatic tool
- High pressure performance (inlet pressure up to 18 bar / 261 psi)
- High flow performance up to 350 NI/Min
- Lightweight – 14 g, and compact (hexagon 14 mm, length 24 mm)
- Competitively priced
- Increases tool service life

### SPECIFICATIONS

Temperature	-20°C to +60°C (-4°F to +140°F)
Max. inlet pressure	12 bar (174 psi)
Media	Compressed air
Flow	350 l/min
Applicable standards	2011/65/EU – CE RoHS 2012/19/EU – WEEE 1907/2006/EU – REACH

### MATERIALS

Housing and Piston	Brass
Spring	Stainless steel
O-rings	Nitrile rubber (NBR)

For technical data, please visit our literature section online.

NPT available upon request.



5100

### SAVEAIR® IN-LINE REGULATOR FEMALE / FEMALE FOR COMPRESSED AIR

PART NUMBER	THREAD	PRE-SET PRESSURE	PRICE
PA231A010	1/4" BSPP	1.0 bar	£33.92
PA231A020	1/4" BSPP	2.0 bar	£33.92
PA231A030	1/4" BSPP	3.0 bar	£33.92
PA231A040	1/4" BSPP	4.0 bar	£33.92
PA231A050	1/4" BSPP	5.0 bar	£33.92
PA231A060	1/4" BSPP	6.0 bar	£33.92
PA231A065	1/4" BSPP	6.5 bar	£35.84
PA231A070	1/4" BSPP	7.0 bar	£33.92
PA231A080	1/4" BSPP	8.0 bar	£33.92



5100

### CARTREG® IN-LINE REGULATOR MALE / MALE FOR BLOW GUNS & PNEUMATIC TOOLS

PART NUMBER	THREAD	PRE-SET PRESSURE	PRICE
PA233G0220	1/4" BSPP	2.0 bar	£33.30
PA233G0230	1/4" BSPP	3.0 bar	£34.80
PA233G0240	1/4" BSPP	4.0 bar	£33.30
PA233G0260	1/4" BSPP	6.0 bar	£34.80
PA233G0280	1/4" BSPP	8.0 bar	£33.30



5100

### CARTREG® ADAPTOR SET BRASS WITH NITRILE O-RING

PART NUMBER	DESCRIPTION	PRICE
PA263F0221	Brass with nitrile O-ring	£6.08

## IN-LINE PRESET REGULATOR WITH SECONDARY PRESSURE RELIEF

### APPLICATIONS

- Avoid costly overpressure in tools
- In situations where small amounts of compressed air are required, but pressure and flow must be stringently regulated
- Pneumatic tools – particularly nailers, tackers, etc.
- Furniture, construction and precision engineering trades
- Piping and compressed air systems
- Compressed air used in automation for actuation
- Control, feeding and transportation

### FEATURES / BENEFITS

- Automatic secondary pressure relief
- Corrosion resistant
- High flow performance (0 – 4600 l/min / 0 – 105 scfm)
- High pressure performance (inlet pressure up to 25 bar / 355 psi)
- Highly reliable
- Increases tool service life
- Locked to prevent pressure change - tamper proof
- Lightweight – small and compact size
- No pressure gauge needed
- Prevents compressed air waste
- Protection guaranteed – no residual pressure in tool
- Supplies tools exclusively with the specified pressure
- Saves energy - reduces costs

### SPECIFICATIONS

Temperature	0°C to +80°C (+32°F to +176°F)
Max. inlet pressure	25 bar (363 psi)
Media	Compressed air
Flow	0 – 4600 l/min / 0 – 105 scfm
Applicable standards	2011/65/EU – CE RoHS 2012/19/EU – WEEE 1907/2006/EU – REACH

### MATERIALS

Housing	Aluminium
Other parts	Stainless steel, nitrile rubber, brass, PPH

For technical data, please visit our literature section online.



5100

### TOOLREG® FEMALE / FEMALE WITH AUTOMATIC SECONDARY PRESSURE RELIEF

PART NUMBER	THREAD	PRE-SET PRESSURE	PRICE
PA232A0220	1/4" BSPP	2.0 bar	£66.56
PA232A0230	1/4" BSPP	3.0 bar	£70.08
PA232A0240	1/4" BSPP	4.0 bar	£66.56
PA232A0250	1/4" BSPP	5.0 bar	£70.08
PA232A0260	1/4" BSPP	6.0 bar	£66.56
PA232A0270	1/4" BSPP	7.0 bar	£70.08
PA232A0280	1/4" BSPP	8.0 bar	£70.08
PA232A0320	3/8" BSPP	2.0 bar	£72.00
PA232A0330	3/8" BSPP	3.0 bar	£86.08
PA232A0340	3/8" BSPP	4.0 bar	£89.60
PA232A0350	3/8" BSPP	5.0 bar	£86.08
PA232A0360	3/8" BSPP	6.0 bar	£89.60
PA232A0380	3/8" BSPP	8.0 bar	£89.60
PA232A0420	1/2" BSPP	2.0 bar	£93.12
PA232A0430	1/2" BSPP	3.0 bar	£91.20
PA232A0440	1/2" BSPP	4.0 bar	£100.48
PA232A0450	1/2" BSPP	5.0 bar	£91.20
PA232A0460	1/2" BSPP	6.0 bar	£100.48
PA232A0480	1/2" BSPP	8.0 bar	£100.48
PA232A0520	3/4" BSPP	2.0 bar	£208.00
PA232A0530	3/4" BSPP	3.0 bar	£208.00
PA232A0540	3/4" BSPP	4.0 bar	£208.00
PA232A0550	3/4" BSPP	5.0 bar	£208.00
PA232A0560	3/4" BSPP	6.0 bar	£208.00
PA232A0580	3/4" BSPP	8.0 bar	£208.00



### TOOLREG® MALE / FEMALE WITH AUTOMATIC SECONDARY PRESSURE RELIEF



5100

PART NUMBER	THREAD	PRE-SET PRESSURE	PRICE
PA232F0220	1/4" BSPP	2.0 bar	£66.56
PA232F0230	1/4" BSPP	3.0 bar	£68.80
PA232F0240	1/4" BSPP	4.0 bar	£72.00
PA232F0250	1/4" BSPP	5.0 bar	£68.80
PA232F0260	1/4" BSPP	6.0 bar	£72.00
PA232F0270	1/4" BSPP	7.0 bar	£68.80
PA232F0280	1/4" BSPP	8.0 bar	£72.00

## BALL VALVES – VENTED

### DESCRIPTION

For use as an on/off valve for pneumatic systems. In the off position, downstream air is exhausted to atmosphere through a small vent hole in the valve body. In this way, the danger of pressurised air remaining in the system after shut-off can be eliminated.

### SPECIFICATIONS

Temperature range	-10°C to +100°C (+14°F to +212°F)
Operating pressure	PN 10

### MATERIALS

Body	Nickel plated brass
Ball	Brass, hard chrome
Seals	PTFE
Handle	Steel zinc plated, red plastic coated



**EXHAUSTING**  
BSPP FEMALE – EN10266-1RP

2550

PART NUMBER	THREAD	PRESSURE	PRICE
ZBV5110-02	1/4" BSPP	10 bar	£23.44
ZBV5110-03	3/8" BSPP	10 bar	£23.44
ZBV5110-04	1/2" BSPP	10 bar	£24.36
ZBV5110-05	3/4" BSPP	10 bar	£33.31
ZBV5110-06	1" BSPP	10 bar	£51.88

## EUROFLY VALVES – VENTED

### DESCRIPTION

New patented design, brass butterfly valve, with throttling lever, offers the user total control of the line media with the benefit of no back cavity, anti-water hammer, reduced limescale build up and competitive prices.

### SPECIFICATIONS

Temperature range	-10°C to +130°C (+14°F to +266°F)
Operating pressure	Max. 16 bar (232 psi)

### MATERIALS

Body and Sleeve	Nickel plated brass
Seals	PTFE stem, EDPM seat
Handle	Coated steel



**EUROFLY**  
BSPP FEMALE – EN10266-1RP

2550

PART NUMBER	THREAD	PRESSURE	PRICE
ZBV6000-04	1/2" BSPP	16 bar	£13.69
ZBV6000-05	3/4" BSPP	16 bar	£16.90
ZBV6000-06	1" BSPP	16 bar	£23.03
ZBV6000-07	1 1/4" BSPP	16 bar	£35.54
ZBV6000-08	1 1/2" BSPP	16 bar	£46.81
ZBV6000-10	2" BSPP	16 bar	£63.95
ZBV6000-12	2.1/2" BSPP	16 bar	£203.81
ZBV6000-14	3" BSPP	16 bar	£265.69
ZBV6000-18	4" BSPP	16 bar	£362.58

## LOCKABLE SAFETY BALL VALVES – VENTED

### FEATURES

For use as an on/off valve for pneumatic systems. In off position, vent hole in valve body allows air to be exhausted. In the off position, downstream air is exhausted to atmosphere through a small vent in the valve body. Locking feature allows maintenance and setting activities to be carried out safely on the system and prevents air supply being reactivated inadvertently.

### SPECIFICATIONS

Temperature range	-20°C to +90°C (-4°F to +194°F)
Operating pressure	0 to 16 bar

### MATERIALS

Body	Nickel plated brass
Ball	Hard chrome brass
Seals	PTFE
Handle	Zinc plated steel, blue plastic coated



**LOCKABLE**  
**VENTED**  
BSPP FEMALE – ISO7/1

2550

PART NUMBER	THREAD	PRESSURE	PRICE
ZBVS93-02	1/4" BSPP	16 bar	£14.26
ZBVS93-03	3/8" BSPP	16 bar	£14.26
ZBVS93-04	1/2" BSPP	16 bar	£16.82
ZBVS93-06	1" BSPP	16 bar	£28.47

## FEATURES

The butterfly valve series Eurofly Wafer and Lugged have been manufactured to meet the industrial applications of water treatment, fire-fighting and plumbing plants. They can be used for all the applications where fluid regulation is required. The system offers a soft and reliable closure, a long cycle life and low torque. Due to the seal geometry, it is particularly easy to replace.

## SPECIFICATIONS

Temperature range	-15°C to +120°C (+5°F to +248°F)
Operating pressure	PN 16

## MATERIALS

Body: Wafer valve	Cast iron
Lugged valve	Ductile iron
Disc	Stainless steel or cast iron – see table
Seat	EDPM – NBR / Viton™ available upon request
Lever	EN G.JL 250

## TO SUIT PN16 / ANSI 150 FLANGES



**WAFER**  
**STAINLESS STEEL DISC**

2555

PART NUMBER	SIZE	PRESSURE	PRICE
ZBV6105-07	1 1/4"	16 bar	£86.41
ZBV6105-08	1 1/2"	16 bar	£87.23
ZBV6105-10	2"	16 bar	£90.30
ZBV6105-12	2 1/2"	16 bar	£101.27
ZBV6105-14	3"	16 bar	£133.52
ZBV6105-18	4"	16 bar	£191.58

## CAST IRON DISC

ZBV6104-10	2"	16 bar	£69.12
ZBV6104-12	2 1/2"	16 bar	£74.62
ZBV6104-14	3"	16 bar	£116.15
ZBV6104-18	4"	16 bar	£127.21

## TO SUIT PN16 FLANGES



**LUGGED**  
**STAINLESS STEEL DISC**

2555

PART NUMBER	SIZE	PRESSURE	PRICE
ZBV6205-08	1 1/2"	16 bar	£99.74
ZBV6205-10	2"	16 bar	£102.74
ZBV6205-12	2 1/2"	16 bar	£113.07
ZBV6205-14	3"	16 bar	£148.41
ZBV6205-18	4"	16 bar	£196.32

## CAST IRON DISC

ZBV6204-10	2"	16 bar	£80.13
ZBV6204-12	2 1/2"	16 bar	£90.30
ZBV6204-14	3"	16 bar	£120.16
ZBV6204-18	4"	16 bar	£151.54

Larger sizes available upon request.

## PNEUMATICALLY ACTUATED BUTTERFLY VALVES

## FEATURES

The pneumatically actuated butterfly valve series Wafer and Lugged have Epoxy painted cast iron G250 body and EPDM seat. They have a compact design and can be direct mounted. Both Wafer and Lugged types are available as double and single acting valves.

## SPECIFICATIONS

Temperature range	-15°C to +120°C (+5°F to +248°F)
Operating pressure	PN 16

## MATERIALS

Body: Wafer valve	Cast iron
Lugged valve	Ductile iron
Disc	Stainless steel (cast iron on request)
Seat	EPDM

## TO SUIT PN16 / ANSI 150 FLANGES



**WAFER – STAINLESS STEEL DISC**  
**DOUBLE ACTING**

2555

PART NUMBER	SIZE	PRESSURE	PRICE
ZBV8P0101-07	1 1/4"	16 bar	£279.59
ZBV8P0101-08	1 1/2"	16 bar	£279.59
ZBV8P0101-10	2"	16 bar	£283.49
ZBV8P0101-12	2 1/2"	16 bar	£294.47
ZBV8P0101-14	3"	16 bar	£353.73
ZBV8P0101-18	4"	16 bar	£465.66

## SINGLE ACTING

ZBV8P0102-07	1 1/4"	16 bar	£314.24
ZBV8P0102-08	1 1/2"	16 bar	£314.24
ZBV8P0102-10	2"	16 bar	£324.69
ZBV8P0102-12	2 1/2"	16 bar	£335.67
ZBV8P0102-14	3"	16 bar	£463.76
ZBV8P0102-18	4"	16 bar	£518.98

## TO SUIT PN16 FLANGES



**LUGGED – CAST IRON DISC**  
**DOUBLE ACTING**

2555

PART NUMBER	SIZE	PRESSURE	PRICE
ZBV8P0105-10	2"	16 bar	£273.44
ZBV8P0105-12	2 1/2"	16 bar	£303.94
ZBV8P0105-14	3"	16 bar	£345.18
ZBV8P0105-18	4"	16 bar	£470.38

## SINGLE ACTING

ZBV8P0106-10	2"	16 bar	£314.54
ZBV8P0106-12	2 1/2"	16 bar	£324.69
ZBV8P0106-14	3"	16 bar	£450.41
ZBV8P0106-18	4"	16 bar	£478.93

Larger sizes available upon request.



## PNEUMATICALLY ACTUATED BRASS BALL VALVES

### DESCRIPTION

Full bore, brass ISO direct mount ball valves. Available as double and single acting valves. Not suitable for use with solvents.

### SPECIFICATIONS

Temperature range -20°C to +160°C (-4°F to +320°F)  
 Operating conditions Fluid water at +20°C, actuator air supply 6 – 7 bar

### MATERIALS

Body Nickel plated brass  
 Ball Chrome plated brass  
 Seals PTFE with Viton™ O-rings



2555

### TWO-WAY BALL VALVE DOUBLE ACTING

PART NUMBER	SIZE	PRESSURE	PRICE
ZBV8P0079-02	1/4"	PN 40	£136.84
ZBV8P0079-03	3/8"	PN 40	£136.84
ZBV8P0079-04	1/2"	PN 40	£136.84
ZBV8P0079-05	3/4"	PN 40	£141.42
ZBV8P0079-06	1"	PN 40	£162.31
ZBV8P0079-07	1 1/4"	PN 40	£185.46
ZBV8P0079-08	1 1/2"	PN 40	£260.90
ZBV8P0079-10	2"	PN 40	£324.57



2555

### TWO-WAY BALL VALVE SINGLE ACTING

PART NUMBER	SIZE	PRESSURE	PRICE
ZBV8P0081-02	1/4"	PN 40	£188.19
ZBV8P0081-03	3/8"	PN 40	£188.19
ZBV8P0081-04	1/2"	PN 40	£188.19
ZBV8P0081-05	3/4"	PN 40	£192.78
ZBV8P0081-06	1"	PN 40	£213.66
ZBV8P0081-07	1 1/4"	PN 40	£236.81
ZBV8P0081-08	1 1/2"	PN 40	£301.53
ZBV8P0081-10	2"	PN 40	£365.19



2555

### THREE-WAY BALL VALVE T PORT DOUBLE ACTING

PART NUMBER	SIZE	PRESSURE	PRICE
ZBV8P0083-02	1/4"	PN 30	£159.97
ZBV8P0083-03	3/8"	PN 30	£159.97
ZBV8P0083-04	1/2"	PN 30	£165.66
ZBV8P0083-05	3/4"	PN 30	£225.95
ZBV8P0083-06	1"	PN 16	£279.90
ZBV8P0083-07	1 1/4"	PN 10	£355.39
ZBV8P0083-08	1 1/2"	PN 10	£494.77
ZBV8P0083-10	2"	PN 10	£783.77



2555

### THREE-WAY BALL VALVE L PORT DOUBLE ACTING

PART NUMBER	SIZE	PRESSURE	PRICE
ZBV8P0084-02	1/4"	PN 30	£159.97
ZBV8P0084-03	3/8"	PN 30	£159.97
ZBV8P0084-04	1/2"	PN 30	£165.66
ZBV8P0084-05	3/4"	PN 30	£225.95
ZBV8P0084-06	1"	PN 16	£279.90
ZBV8P0084-07	1 1/4"	PN 10	£355.39
ZBV8P0084-08	1 1/2"	PN 10	£494.77
ZBV8P0084-10	2"	PN 10	£783.77

### SINGLE ACTING

PART NUMBER	SIZE	PRESSURE	PRICE
ZBV8P0085-02	1/4"	PN 30	£209.84
ZBV8P0085-03	3/8"	PN 30	£209.84
ZBV8P0085-04	1/2"	PN 30	£215.51
ZBV8P0085-05	3/4"	PN 30	£265.39
ZBV8P0085-06	1"	PN 16	£319.35
ZBV8P0085-07	1 1/4"	PN 10	£394.85
ZBV8P0085-08	1 1/2"	PN 10	£610.23
ZBV8P0085-10	2"	PN 10	£930.90

### SINGLE ACTING

PART NUMBER	SIZE	PRESSURE	PRICE
ZBV8P0086-02	1/4"	PN 30	£209.84
ZBV8P0086-03	3/8"	PN 30	£209.84
ZBV8P0086-04	1/2"	PN 30	£215.51
ZBV8P0086-05	3/4"	PN 30	£265.39
ZBV8P0086-06	1"	PN 16	£319.35
ZBV8P0086-07	1 1/4"	PN 10	£394.85
ZBV8P0086-08	1 1/2"	PN 10	£610.23
ZBV8P0086-10	2"	PN 10	£930.90

## STANDARD NAMUR SOLENOID VALVE

### FEATURES

- Life cycle of 12,000,000 operations
- 5/2-3/2 Interchangeable
- Manual override control
- Various voltages are available

### SPECIFICATIONS

Working pressure 1.5 to 8 bar  
 Working temperature -20°C to +60°C



3640

### RV SERIES (5/2) (3/2) NAMUR VALVE SINGLE SOLENOID

PART NUMBER	VALVE BODY	PORT SIZE	VOLTAGE	PRICE
EM-V523231-08MRE4	3/8"	1/4"	24 V DC	£36.46
EM-V523231-08MRE1	3/8"	1/4"	110 V AC	£36.46
EM-V523231-08MRE2	3/8"	1/4"	220 V AC	£36.46

**SLP SERIES – BRASS**

**FEATURES**

SLP 2/2 way series solenoid valves are commonly used actuators in automation control systems, which are widely used for automatic closing and opening of all kinds of fluids, such as water, hot water, gas, liquid, light oil, etc. in pipework systems.

SLP Series includes coil and DIN plug.



3695

**SLP SERIES BRASS SOLENOID VALVE (2/2) 3/8" NORMALLY CLOSED WITH EPDM SEALS**

PART NUMBER	PORT SIZE	VOLTAGE	ORIFICE (MM)	PRICE
ASLGSLPNCW038N110VAC	3/8"	110 V AC	13	£118.10
ASLGSLPNCW038N230VAC	3/8"	230 V AC	13	£118.10
aASLGSLPNCW038N24VAC	3/8"	24 V AC	13	£118.10
aASLGSLPNCW038N24VDC	3/8"	24 V DC	13	£118.10

**1/2" NORMALLY CLOSED WITH EPDM SEALS**

ASLGSLPNCW050N110VAC	1/2"	110 V AC	13	£118.10
ASLGSLPNCW050N230VAC	1/2"	230 V AC	13	£118.10
aASLGSLPNCW050N24VAC	1/2"	24 V AC	13	£118.10
aASLGSLPNCW050N24VDC	1/2"	24 V DC	13	£118.10

**3/4" NORMALLY CLOSED WITH EPDM SEALS**

ASLGSLPNCW075N110VAC	3/4"	110 V AC	20	£138.94
ASLGSLPNCW075N230VAC	3/4"	230 V AC	20	£138.94
aASLGSLPNCW075N24VAC	3/4"	24 V AC	20	£138.94
aASLGSLPNCW075N24VDC	3/4"	24 V DC	20	£138.94

**1" NORMALLY CLOSED WITH EPDM SEALS**

ASLGSLPNCW100N110VAC	1"	110 V AC	25	£209.00
ASLGSLPNCW100N230VAC	1"	230 V AC	25	£209.00
aASLGSLPNCW100N24VAC	1"	24 V AC	25	£209.00
aASLGSLPNCW100N24VDC	1"	24 V DC	25	£209.00

**SUITABILITY**

	EPDM
Highest working temperature	120°C
Lowest working temperature	-20°C
Steam	Very good
Oil	Not suitable
General chemical resistance	Very good
General acid resistance	Very good
General alkalinity resistance	Very good
Water	Very good



3695

**SLP SERIES BRASS SOLENOID VALVE (2/2) 3/8" NORMALLY OPEN WITH EPDM SEALS**

PART NUMBER	PORT SIZE	VOLTAGE	ORIFICE (MM)	PRICE
ASLGSLPNOW038N110VAC	3/8"	110 V AC	13	£180.43
ASLGSLPNOW038N230VAC	3/8"	230 V AC	13	£180.43
aASLGSLPNOW038N24VAC	3/8"	24 V AC	13	£180.43
aASLGSLPNOW038N24VDC	3/8"	24 V DC	13	£180.43

**1/2" NORMALLY OPEN WITH EPDM SEALS**

ASLGSLPNOW050N110VAC	1/2"	110 V AC	13	£180.43
ASLGSLPNOW050N230VAC	1/2"	230 V AC	13	£180.43
aASLGSLPNOW050N24VAC	1/2"	24 V AC	13	£180.43
aASLGSLPNOW050N24VDC	1/2"	24 V DC	13	£180.43

**3/4" NORMALLY OPEN WITH EPDM SEALS**

ASLGSLPNOW075N110VAC	3/4"	110 V AC	20	£200.55
ASLGSLPNOW075N230VAC	3/4"	230 V AC	20	£200.55
aASLGSLPNOW075N24VAC	3/4"	24 V AC	20	£200.55
aASLGSLPNOW075N24VDC	3/4"	24 V DC	20	£200.55

**1" NORMALLY OPEN WITH EPDM SEALS**

ASLGSLPNOW100N110VAC	1"	110 V AC	25	£250.66
ASLGSLPNOW100N230VAC	1"	230 V AC	25	£250.66
aASLGSLPNOW100N24VAC	1"	24 V AC	25	£250.66
aASLGSLPNOW100N24VDC	1"	24 V DC	25	£250.66

For SLP Series Terminal Plug, see page 809.

**SLP SERIES ACCESSORIES**



3695

**SLP SERIES COIL C SERIES**

PART NUMBER	VOLTAGE	PRICE
aASLSCOILSLPC110VAC	110 V AC	£39.65
aASLSCOILSLPC230VAC	230 V AC	£39.65
aASLSCOILSLPC24VAC	24 V AC	£39.65
aASLSCOILSLPC24VDC	24 V DC	£39.65
aASLSCOILSLPC12VDC	12 V DC	£39.65



3695

**SLP SERIES COIL H SERIES**

PART NUMBER	VOLTAGE	TYPE	PRICE
aASLSCOILSLPHCA110AC	110 V AC	A	£53.96
aASLSCOILSLPHCA230AC	230 V AC	A	£53.96
aASLSCOILSLPHCB24VAC	24 V AC	B	£53.96
aASLSCOILSLPHCA24VDC	24 V DC	A	£53.96
aASLSCOILSLPHCB12VDC	12 V DC	B	£53.96

**ZS SERIES – BRASS**
**FEATURES**

ZS 2/2 way series solenoid valves are commonly used actuators in automation control systems, which are widely used for automatic closing and opening of all kinds of fluids, such as water, hot water, gas, liquid, light oil, etc. in pipework systems.

SUITABILITY	NBR	EPDM	VITON™
Highest working temperature	80°C	120°C	120°C
Lowest working temperature	-5°C	-20°C	-20°C
Steam	Not suitable	Very good	Normal
Oil	Very good	Not suitable	Very good
General chemical resistance	Normal	Very good	Very good
General acid resistance	Normal	Very good	Very good
General alkalinity resistance	Good	Very good	Very good
Water	Good	Very good	Good

**ZS SERIES BRASS  
SOLENOID VALVE (2/2)  
1/4" NORMALLY CLOSED  
NBR SEALS**


3695

PART NUMBER	PORT SIZE	VOLTAGE	ORIFICE (MM)	PRICE
aASLAZSNC025N110VAC	1/4"	110 V AC	10	£99.27
aASLAZSNC025N230VAC	1/4"	230 V AC	10	£99.27
aASLAZSNC025N24VAC	1/4"	24 V AC	10	£99.27
aASLAZSNC025N24VDC	1/4"	24 V DC	10	£99.27

**3/8" NORMALLY CLOSED WITH NBR SEALS**

aASLAZSNC038N110VAC	3/8"	110 V AC	10	£90.22
aASLAZSNC038N230VAC	3/8"	230 V AC	10	£90.22
aASLAZSNC038N24VAC	3/8"	24 V AC	10	£90.22
aASLAZSNC038N24VDC	3/8"	24 V DC	10	£90.22

**1/2" NORMALLY CLOSED WITH NBR SEALS**

aASLAZSNC050N110VAC	1/2"	110 V AC	10	£90.22
aASLAZSNC050N230VAC	1/2"	230 V AC	10	£90.22
aASLAZSNC050N24VAC	1/2"	24 V AC	10	£90.22
aASLAZSNC050N24VDC	1/2"	24 V DC	10	£90.22

**3/4" NORMALLY CLOSED WITH NBR SEALS**

aASLAZSNC075N110VAC	3/4"	110 V AC	20	£127.70
aASLAZSNC075N230VAC	3/4"	230 V AC	20	£127.70
aASLAZSNC075N24VAC	3/4"	24 V AC	20	£127.70
aASLAZSNC075N24VDC	3/4"	24 V DC	20	£127.70

**1" NORMALLY CLOSED WITH NBR SEALS**

aASLAZSNC100N110VAC	1"	110 V AC	25	£187.44
aASLAZSNC100N230VAC	1"	230 V AC	25	£187.44
aASLAZSNC100N24VAC	1"	24 V AC	25	£187.44
aASLAZSNC100N24VDC	1"	24 V DC	25	£187.44

ZS Series includes coil and DIN plug.

**ZS SERIES BRASS  
SOLENOID VALVE (2/2)  
3/8" NORMALLY OPEN  
WITH EPDM SEALS**


3695

PART NUMBER	PORT SIZE	VOLTAGE	ORIFICE (MM)	PRICE
aASLAZSNO038N110VAC	3/8"	110 V AC	16	£223.35
aASLAZSNO038N230VAC	3/8"	230 V AC	16	£223.35
aASLAZSNO038N24VAC	3/8"	24 V AC	16	£223.35
aASLAZSNO038N24VDC	3/8"	24 V DC	16	£223.35

**1/2" NORMALLY OPEN WITH EPDM SEALS**

aASLAZSNO050N110VAC	1/2"	110 V AC	16	£223.35
aASLAZSNO050N230VAC	1/2"	230 V AC	16	£223.35
aASLAZSNO050N24VAC	1/2"	24 V AC	16	£223.35
aASLAZSNO050N24VDC	1/2"	24 V DC	16	£223.35

**3/4" NORMALLY OPEN WITH EPDM SEALS**

aASLAZSNO075N110VAC	3/4"	110 V AC	20	£215.23
aASLAZSNO075N230VAC	3/4"	230 V AC	20	£215.23
aASLAZSNO075N24VAC	3/4"	24 V AC	20	£215.23
aASLAZSNO075N24VDC	3/4"	24 V DC	20	£215.23

**1" NORMALLY OPEN WITH EPDM SEALS**

aASLAZSNO100N110VAC	1"	110 V AC	25	£294.45
aASLAZSNO100N230VAC	1"	230 V AC	25	£294.45
aASLAZSNO100N24VAC	1"	24 V AC	25	£294.45
aASLAZSNO100N24VDC	1"	24 V DC	25	£294.45

**ZS SERIES BRASS  
SOLENOID VALVE (2/2)  
1/4" NORMALLY CLOSED  
VITON™ SEALS**


3695

PART NUMBER	PORT SIZE	VOLTAGE	ORIFICE (MM)	PRICE
aASLAZSNCV025110VAC	1/4"	110 V AC	10	£99.27
aASLAZSNCV025230VAC	1/4"	230 V AC	10	£99.27
aASLAZSNCV02524VAC	1/4"	24 V AC	10	£99.27
aASLAZSNCV02524VDC	1/4"	24 V DC	10	£99.27

**3/8" NORMALLY CLOSED WITH VITON™ SEALS**

aASLAZSNCV038110VAC	3/8"	110 V AC	10	£94.43
aASLAZSNCV038230VAC	3/8"	230 V AC	10	£94.43
aASLAZSNCV03824VAC	3/8"	24 V AC	10	£94.43
aASLAZSNCV03824VDC	3/8"	24 V DC	10	£94.43

**1/2" NORMALLY CLOSED WITH VITON™ SEALS**

aASLAZSNCV050110VAC	1/2"	110 V AC	10	£94.43
aASLAZSNCV050230VAC	1/2"	230 V AC	10	£94.43
aASLAZSNCV05024VAC	1/2"	24 V AC	10	£94.43
aASLAZSNCV05024VDC	1/2"	24 V DC	10	£94.43

**3/4" NORMALLY CLOSED WITH VITON™ SEALS**

aASLAZSNCV075110VAC	3/4"	110 V AC	20	£133.28
aASLAZSNCV075230VAC	3/4"	230 V AC	20	£133.28
aASLAZSNCV07524VAC	3/4"	24 V AC	20	£133.28
aASLAZSNCV07524VDC	3/4"	24 V DC	20	£133.28

**1" NORMALLY CLOSED WITH VITON™ SEALS**

aASLAZSNCV100110VAC	1"	110 V AC	25	£188.80
aASLAZSNCV100230VAC	1"	230 V AC	25	£188.80
aASLAZSNCV10024VAC	1"	24 V AC	25	£188.80
aASLAZSNCV10024VDC	1"	24 V DC	25	£188.80

## ZS SERIES – STAINLESS STEEL

### FEATURES

ZS 2/2 way series solenoid valves are commonly used actuators in automation control systems, which are widely used for automatic closing and opening of all kinds of fluids, such as water, hot water, gas, liquid, light oil, etc. in pipework systems.

ZS Series includes coil and DIN plug.



3695

**ZS SERIES 316 STAINLESS STEEL SOLENOID VALVE (2/2) 3/8" NORMALLY CLOSED WITH VITON™ SEALS**

PART NUMBER	PORT SIZE	VOLTAGE	ORIFICE (MM)	PRICE
aASLCZSSNC038N110VAC	3/8"	110 V AC	16	£187.44
aASLCZSSNC038N230VAC	3/8"	230 V AC	16	£187.44
aASLCZSSNC038N24VAC	3/8"	24 V AC	16	£187.44
aASLCZSSNC038N24VDC	3/8"	24 V DC	16	£187.44

### 1/2" NORMALLY CLOSED WITH VITON™ SEALS

aASLCZSSNC050N110VAC	1/2"	110 V AC	16	£187.44
aASLCZSSNC050N230VAC	1/2"	230 V AC	16	£187.44
aASLCZSSNC050N24VAC	1/2"	24 V AC	16	£187.44
aASLCZSSNC050N24VDC	1/2"	24 V DC	16	£187.44

### 3/4" NORMALLY CLOSED WITH VITON™ SEALS

aASLCZSSNC075N110VAC	3/4"	110 V AC	20	£196.79
aASLCZSSNC075N230VAC	3/4"	230 V AC	20	£196.79
aASLCZSSNC075N24VAC	3/4"	24 V AC	20	£196.79
aASLCZSSNC075N24VDC	3/4"	24 V DC	20	£196.79

### 1" NORMALLY CLOSED WITH VITON™ SEALS

aASLCZSSNC100N110VAC	1"	110 V AC	25	£286.79
aASLCZSSNC100N230VAC	1"	230 V AC	25	£286.79
aASLCZSSNC100N24VAC	1"	24 V AC	25	£286.79
aASLCZSSNC100N24VDC	1"	24 V DC	25	£286.79

### SUITABILITY

SUITABILITY	VITON™
Highest working temperature	120°C
Lowest working temperature	-20°C
Steam	Normal
Oil	Very good
General chemical resistance	Very good
General acid resistance	Very good
General alkalinity resistance	Very good
Water	Good



3695

**ZS SERIES 316 STAINLESS STEEL SOLENOID VALVE (2/2) 3/8" NORMALLY OPEN WITH VITON™ SEALS**

PART NUMBER	PORT SIZE	VOLTAGE	ORIFICE (MM)	PRICE
aASLCZSSNO038N110VAC	3/8"	110 V AC	16	£362.04
aASLCZSSNO038N230VAC	3/8"	230 V AC	16	£362.04
aASLCZSSNO038N24VAC	3/8"	24 V AC	16	£362.04
aASLCZSSNO038N24VDC	3/8"	24 V DC	16	£362.04

### 1/2" NORMALLY OPEN WITH VITON™ SEALS

aASLCZSSNO050N110VAC	1/2"	110 V AC	16	£362.04
aASLCZSSNO050N230VAC	1/2"	230 V AC	16	£362.04
aASLCZSSNO050N24VAC	1/2"	24 V AC	16	£362.04
aASLCZSSNO050N24VDC	1/2"	24 V DC	16	£362.04

### 3/4" NORMALLY OPEN WITH VITON™ SEALS

aASLCZSSNO075N110VAC	3/4"	110 V AC	20	£389.87
aASLCZSSNO075N230VAC	3/4"	230 V AC	20	£389.87
aASLCZSSNO075N24VAC	3/4"	24 V AC	20	£389.87
aASLCZSSNO075N24VDC	3/4"	24 V DC	20	£389.87

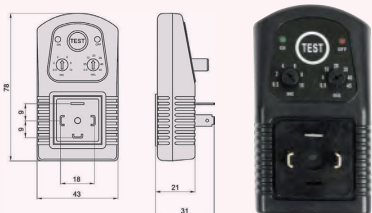
### 1" NORMALLY OPEN WITH VITON™ SEALS

aASLCZSSNO100N110VAC	1"	110 V AC	25	£501.22
aASLCZSSNO100N230VAC	1"	230 V AC	25	£501.22
aASLCZSSNO100N24VAC	1"	24 V AC	25	£501.22
aASLCZSSNO100N24VDC	1"	24 V DC	25	£501.22

## PUT TIMER – TO SUIT ZS & SLP

### FEATURES

- Connection via coil & plug
- Used to control range of valves
- 0.5-10 seconds on, 30-45 minutes off
- LED light to indicate timing



3695

### PUT TIMER

PART NUMBER	DESCRIPTION	PRICE
aASLSTIMERPUT	PUT timer	£71.74

## TERMINAL PLUG



3695

**TERMINAL PLUG FOR ZS/SLP SERIES**

PART NUMBER	DESCRIPTION	PRICE
aASLSSLPZSPUG	Spare terminal plug	£5.11

## COILS



3695

### ZS SERIES COIL

PART NUMBER	VOLTAGE	TYPE	PRICE
aASLSCOILZSC2DA110AC	110 V AC	A	£146.96
aASLSCOILZSC2DA230AC	230 V AC	A	£146.96
aASLSCOILZSC2DB24VAC	24 V AC	B	£146.96
aASLSCOILZSC2DB24VDC	24 V DC	B	£146.96
aASLSCOILZSC2DB12VDC	12 V DC	B	£146.96

## PILOT OPERATED NORMALLY CLOSED

### DESCRIPTION

Diaphragm valve, pilot operated, having full orifice. Suitable to shut off liquid and gaseous fluids. 180 Series not suitable for use with dangerous fluids.

SPECIFICATIONS	182 SERIES	182 SERIES
Functions	2/2 normally closed	
Min. differential pressure	0.35 bar	0.5 bar
Max. differential pressure	16 bar - 3/8" to 1/2" 12 bar - 3/4" to 1"	10 bar
Fluid temperature	-10°C to +140°C (+14°F to +284°F)	-10°C to +90°C (+14°F to +194°F)
Viscosity	5°E (37 cStokes or mm <sup>2</sup> /s)	
Voltage tolerance	+10% -15%	
Duty cycle	ED 100%	

### MATERIALS

	182 SERIES	182 SERIES
Body	Brass	
Sealing	EDPM	EDPM
Internal components	Brass and stainless steel	
Seat	Brass	
Core tube	Stainless steel	
Shading coil	Copper	



For spare coils, see page 814.



### PILOT OPERATED - 2/2 NC 182 SERIES

5910

### PILOT OPERATED - 2/2 NC 182 SERIES

5910

PART NUMBER	VOLTAGE	PORT SIZE (BSP)	ORIFICE (MM)	COIL TYPE	PRICE
SL182D0103-230	230V / 50Hz	3/8"	13.5	B	£107.33
SL182D0103-110	110V / 50Hz	3/8"	13.5	B	£107.36
SL182D0103-245	24V / 50Hz	3/8"	13.5	B	£107.36
SL182D0103-24	24V DC	3/8"	13.5	B	£107.36
SL182D0104-230	230V / 50Hz	1/2"	13.5	B	£103.84
SL182D0104-110	110V / 50Hz	1/2"	13.5	B	£103.84
SL182D0104-245	24V / 50Hz	1/2"	13.5	B	£103.84
SL182D0104-24	24V DC	1/2"	13.5	B	£103.84
SL182D0105-230	230V / 50Hz	3/4"	18.0	B	£132.38
SL182D0105-110	110V / 50Hz	3/4"	18.0	B	£132.38
SL182D0105-245	24V / 50Hz	3/4"	18.0	B	£132.38
SL182D0105-24	24V DC	3/4"	18.0	B	£132.38
SL182D0106-230	230V / 50Hz	1"	24.0	B	£204.15
SL182D0106-110	110V / 50Hz	1"	24.0	B	£204.15
SL182D0106-245	24V / 50Hz	1"	24.0	B	£204.15
SL182D0106-24	24V DC	1"	24.0	B	£204.15

PART NUMBER	VOLTAGE	PORT SIZE (BSP)	ORIFICE (MM)	COIL TYPE	PRICE
SL182B4808-230	230V / 50Hz	1 1/2"	45.0	A	£454.46
SL182B4808-110	110V / 50Hz	1 1/2"	45.0	A	£454.46
SL182B4808-245	24V / 50Hz	1 1/2"	45.0	A	£454.46
SL182B4808-24	24V DC	1 1/2"	45.0	A	£454.46
SL182B4810-230	230V / 50Hz	2"	45.0	A	£696.26
SL182B4810-110	110V / 50Hz	2"	45.0	A	£696.26
SL182B4810-245	24V / 50Hz	2"	45.0	A	£696.26
SL182B4810-24	24V DC	2"	45.0	A	£696.26

Please note: Other sealing materials and coil protection on request.

## DIRECT ACTING NORMALLY CLOSED

### DESCRIPTION

Direct acting solenoid valves. Suitable to shut off liquid and gaseous fluids.

SPECIFICATIONS	172 SERIES	121 SERIES
Functions	2/2 normally closed	
Min. differential pressure	0.0 bar	0.0 bar
Max. differential pressure	15 bar AC 6 bar DC	20 bar AC 16 bar DC
Fluid temperature	-10°C to +130°C (+14°F to +266°F)	-10°C to +90°C (+14°F to +194°F)
Viscosity	5°E (37 cStokes or mm <sup>2</sup> /s)	
Voltage tolerance	+10% -15%	
Duty cycle	ED 100%	

### MATERIALS

	172 SERIES	121 SERIES
Body	Brass	
Sealing	FPM	Buna N
Internal components	Stainless steel	
Seat	Brass	
Core tube	Stainless steel	
Shading coil	Copper	

For spare coils, see page 814.



### DIRECT ACTING - 2/2 NC 172 SERIES

5910

### DIRECT ACTING - 2/2 NC 121 SERIES

5910

PART NUMBER	VOLTAGE	PORT SIZE (BSP)	ORIFICE (MM)	COIL TYPE	PRICE
SL172V0301-230	230V / 50Hz	1/8"	2.0	B	£54.68
SL172V0301-110	110V / 50Hz	1/8"	2.0	B	£54.68
SL172V0301-245	24V / 50Hz	1/8"	2.0	B	£54.68
SL172V0301-24	24V DC	1/8"	2.0	B	£54.68

PART NUMBER	VOLTAGE	PORT SIZE (BSP)	ORIFICE (MM)	COIL TYPE	PRICE
SL121B0202-230	230V / 50Hz	1/4"	2.3	A	£75.53
SL121B0202-110	110V / 50Hz	1/4"	2.3	A	£75.53
SL121B0202-245	24V / 50Hz	1/4"	2.3	A	£75.53
SL121B0202-24	24V DC	1/4"	2.3	A	£75.53

## PILOT OPERATED HUNG DIAPHRAGM NORMALLY CLOSED

### DESCRIPTION

Pilot operated hung diaphragm valve with full orifice. Suitable to shut off liquid and gaseous fluids. Not suitable for use with dangerous fluids. 133 Series is designed for closed circuit hydraulic systems and for vessels draining. 153 Series is suitable for shutting off overheated water and steam.

SPECIFICATIONS	133 SERIES	153 SERIES
Functions	2/2 Normally closed	
Min. differential pressure	0 bar	0 bar
Max. differential pressure	10 bar AC / 3 bar DC	8 bar
Fluid temperature	-10°C to +90°C (+14°F to +194°F)	-10°C to +140°C (+14°F to +284°F)
Viscosity	5°E (37 cStokes or mm <sup>2</sup> /s)	
Voltage tolerance	DC +10% -5% AC +10% -15%	+10% -15%
Duty cycle	ED 100%	



**PILOT OPERATED – 2/2 NC  
133 SERIES**

5910

PART NUMBER	VOLTAGE	PORT SIZE (BSP)	ORIFICE (MM)	COIL TYPE	PRICE
SL133B0103-230	230 V / 50 Hz	3/8"	10.0	A	£106.05
SL133B0103-110	110 V / 50 Hz	3/8"	10.0	A	£106.05
SL133B0103-245	24 V / 50 Hz	3/8"	10.0	A	£106.05
SL133B0103-24	24 V DC	3/8"	10.0	A	£106.05
SL133B0704-230	230 V / 50 Hz	1/2"	12.5	A	£117.90
SL133B0704-110	110 V / 50 Hz	1/2"	12.5	A	£117.90
SL133B0704-245	24 V / 50 Hz	1/2"	12.5	A	£117.90
SL133B0704-24	24 V DC	1/2"	12.5	A	£117.90
SL133B0705-230	230 V / 50 Hz	3/4"	17.0	D	£138.11
SL133B0705-110	110 V / 50 Hz	3/4"	17.0	D	£138.11
SL133B0705-245	24 V / 50 Hz	3/4"	17.0	D	£138.11
SL133B0705-24	24 V DC	3/4"	17.0	D	£138.11
SL133B0606-230	230 V / 50 Hz	1"	24.0	G	£244.76
SL133B0606-110	110 V / 50 Hz	1"	24.0	G	£244.76
SL133B0606-245	24 V / 50 Hz	1"	24.0	G	£244.76
SL133B0606-24	24 V DC	1"	24.0	E	£244.76

### MATERIALS

	133 SERIES	153 SERIES
Body	Brass	Brass
Sealing	NBR	EPDM
Diaphragm	NBR	PTFE
Internal components	Stainless steel and brass	Stainless steel
Seat	Brass	Stainless steel
Core tube	Stainless steel	Stainless steel
Shading Coil	Copper	Copper

For spare coils, see page 814.



**PILOT OPERATED – 2/2 NC  
153 SERIES**

5910

PART NUMBER	VOLTAGE	PORT SIZE (BSP)	ORIFICE (MM)	COIL TYPE	PRICE
SL153D0704-230	230 V / 50 Hz	1/2"	11.5	F	£210.30
SL153D0704-110	110 V / 50 Hz	1/2"	11.5	F	£210.30
SL153D0704-245	24 V / 50 Hz	1/2"	11.5	F	£210.30
SL153D0705-230	230 V / 50 Hz	3/4"	17.0	G	£253.13
SL153D0705-110	110 V / 50 Hz	3/4"	17.0	G	£253.13
SL153D0705-245	24 V / 50 Hz	3/4"	17.0	G	£253.13
SL153D506-230	230 V / 50 Hz	1"	22.0	E	£380.89
SL153D506-110	110 V / 50 Hz	1"	22.0	E	£380.89
SL153D506-245	24 V / 50 Hz	1"	22.0	E	£380.89

## PILOT OPERATED NORMALLY CLOSED

### DESCRIPTION

Diaphragm valve, pilot operated, having full orifice. Suitable to shut off liquid and gaseous fluids; suitable for shutting off overheated water and steam. Not suitable for use with dangerous fluids.

### SPECIFICATIONS

Functions	2/2 normally closed
Min. differential pressure	0.4 bar
Max. differential pressure	8 bar – 3/8" to 1/2" 6 bar – 3/4" - 1"
Fluid temperature	+60°C to +170°C (+140°F to +338°F)
Viscosity	5°E (37 cStokes or mm <sup>2</sup> /s)
Voltage tolerance	+10% – 15%
Duty cycle	ED 100%

### MATERIALS

Body	Brass
Sealing	Reinforced PTFE (Polytetrafluorethylene)
Internal Components	Brass and stainless steel
Seat	Stainless steel
Core tube	Stainless steel
Shading coil	Copper

For spare coils, see page 814.



**PILOT OPERATED – 2/2 NC  
145 SERIES**

5910

PART NUMBER	VOLTAGE	PORT SIZE (BSP)	ORIFICE (MM)	COIL TYPE	PRICE
SL145R203-230	230 V / 50 Hz	3/8"	10.0	F	£208.13
SL145R203-110	110 V / 50 Hz	3/8"	10.0	F	£208.13
SL145R203-245	24 V / 50 Hz	3/8"	10.0	F	£208.13
SL145R204-230	230 V / 50 Hz	1/2"	10.0	F	£197.78
SL145R204-110	110 V / 50 Hz	1/2"	10.0	F	£197.78
SL145R204-245	24 V / 50 Hz	1/2"	10.0	F	£197.78
SL145R205-230	230 V / 50 Hz	3/4"	16.0	G	£254.66
SL145R205-110	110 V / 50 Hz	3/4"	16.0	G	£254.66
SL145R205-245	24 V / 50 Hz	3/4"	16.0	G	£254.66
SL145R206-230	230 V / 50 Hz	1"	18.5	G	£390.11
SL145R206-110	110 V / 50 Hz	1"	18.5	G	£390.11
SL145R206-245	24 V / 50 Hz	1"	18.5	G	£386.36

## PILOT OPERATED NORMALLY OPEN

### DESCRIPTION

Diaphragm valve, pilot operated, having full orifice. Suitable to shut off liquid and gaseous fluids. 280 Series not suitable for use with dangerous fluids.

SPECIFICATIONS	282 SERIES	282 SERIES
Functions	2/2 normally open	
Min. differential pressure	0.35 bar	0.5 bar
Max. differential pressure	12 bar	10 bar
Fluid temperature	-10°C to +90°C (+14°F to +194°F)	
Viscosity	5°E (37 cStokes or mm <sup>2</sup> /s)	
Voltage tolerance	+10% -15%	DC +10% -5% AC +10% -15%
Duty cycle	ED 100%	



5910

### MATERIALS

Body	Brass
Sealing	NBR
Internal Components	Brass and stainless steel
Seat	Brass
Core tube	Stainless steel
Shading coil	Copper

For spare coils, see next page 814.



5910

### PILOT OPERATED – 2/2 NO 282 SERIES

PART NUMBER	VOLTAGE	PORT SIZE (BSP)	ORIFICE (MM)	COIL TYPE	PRICE
SL282B0103-230	230 V / 50 Hz	3/8"	13.5	H	£136.13
SL282B0103-110	110 V / 50 Hz	3/8"	13.5	H	£136.13
SL282B0103-245	24 V / 50 Hz	3/8"	13.5	H	£136.13
SL282B0103-24	24 V DC	3/8"	13.5	D	£136.13
SL282B0104-230	230 V / 50 Hz	1/2"	13.5	H	£131.96
SL282B0104-110	110 V / 50 Hz	1/2"	13.5	H	£131.96
SL282B0104-245	24 V / 50 Hz	1/2"	13.5	H	£131.96
SL282B0104-24	24 V DC	1/2"	13.5	D	£131.96
SL282B0105-230	230 V / 50 Hz	3/4"	18.0	H	£165.30
SL282B0105-110	110 V / 50 Hz	3/4"	18.0	H	£165.30
SL282B0105-245	24 V / 50 Hz	3/4"	18.0	H	£165.30
SL282B0105-24	24 V DC	3/4"	18.0	D	£165.30
SL282B0106-230	230 V / 50 Hz	1"	24.0	H	£243.00
SL282B0106-110	110 V / 50 Hz	1"	24.0	H	£243.00
SL282B0106-245	24 V / 50 Hz	1"	24.0	H	£243.00
SL282B0106-24	24 V DC	1"	24.0	K	£243.00

### PILOT OPERATED – 2/2 NO 282 SERIES

PART NUMBER	VOLTAGE	PORT SIZE (BSP)	ORIFICE (MM)	COIL TYPE	PRICE
SL282B4808-230	230 V / 50 Hz	1 1/2"	45.0	J	£555.34
SL282B4808-110	110 V / 50 Hz	1 1/2"	45.0	J	£555.34
SL282B4808-245	24 V / 50 Hz	1 1/2"	45.0	J	£555.34
SL282B4808-24	24 V DC	1 1/2"	45.0	A	£555.34
SL282B4810-230	230 V / 50 Hz	2"	45.0	J	£625.69
SL282B4810-110	110 V / 50 Hz	2"	45.0	J	£625.69
SL282B4810-245	24 V / 50 Hz	2"	45.0	J	£625.69
SL282B4810-24	24 V DC	2"	45.0	A	£625.69

## DIRECT ACTING NORMALLY CLOSED

### DESCRIPTION

Direct acting solenoid valves. Suitable to shut off liquid and gaseous fluids. 321 Series not suitable for use with dangerous fluids.

SPECIFICATIONS	372 SERIES	321 SERIES
Functions	2/2 normally closed	
Min. differential pressure	0 bar	0 bar
Max. differential pressure	10 bar	8 bar
Fluid temperature	-10°C to +130°C (+14°F to +266°F)	-10°C to +90°C (+14°F to +194°F)
Viscosity	5°E (37 cStokes or mm <sup>2</sup> /s)	
Voltage tolerance	+10% -15%	
Duty cycle	ED 100%	



5910

### MATERIALS

Body	Brass
Sealing	FPM
Internal components	Stainless steel
Seat	Brass
Core tube	Stainless steel
Shading coil	Copper

For spare coils, see page 814.



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### DIRECT ACTING – 2/2 NC 372 SERIES

PART NUMBER	VOLTAGE	PORT SIZE (BSP)	ORIFICE (MM)	COIL TYPE	PRICE
SL372V0301-230	230V / 50Hz	1/8"	1.6/1.2	A	£66.98
SL372V0301-110	110V / 50Hz	1/8"	1.6/1.2	A	£66.98
SL372V0301-245	24V / 50Hz	1/8"	1.6/1.2	A	£66.98
SL372V0301-24	24V DC	1/8"	1.6/1.2	A	£66.98

### DIRECT ACTING – 3/2 NC 321 SERIES

PART NUMBER	VOLTAGE	PORT SIZE (BSP)	ORIFICE (MM)	COIL TYPE	PRICE
SL321B02C2-230	230V / 50Hz	1/4"	2.3	B	£106.05
SL321B02C2-110	110V / 50Hz	1/4"	2.3	B	£106.05
SL321B02C2-245	24V / 50Hz	1/4"	2.3	B	£106.05
SL321B02C2-24	24V DC	1/4"	2.3	I	£106.05

## DIRECT ACTING NORMALLY CLOSED

### DESCRIPTION

Direct acting solenoid valves. Suitable to shut off liquid and gaseous fluids.

SPECIFICATIONS	172 SERIES	176 SERIES
Functions	2/2 normally closed	
Min. differential pressure	0 bar	0 bar
Max. differential pressure	20 bar AC 12 bar DC	12 bar AC 4 bar DC
Fluid temperature	-10°C to +130°C (+14°F to +266°F)	
Viscosity	5°E (37 cStokes o mm <sup>2</sup> /s)	
Voltage tolerance	DC +10% -5% AC +10% -15%	
Duty cycle	ED 100%	

### MATERIALS

Body	Stainless steel AISI 316
Sealing	FPM
Internal components	Stainless steel
Seat	Stainless steel AISI 316
Core tube	Stainless steel
Shading coil	Copper

For spare coils, see page 814.



### DIRECT ACTING - 2/2 NC 172 SERIES

5910

PART NUMBER	VOLTAGE	PORT SIZE BSP	ORIFICE MM	COIL TYPE	PRICE
SL172V0701-230	230V / 50Hz	1/8"	1.6	C	£126.45
SL172V0701-110	110V / 50Hz	1/8"	1.6	C	£126.45
SL172V0701-245	24V / 50Hz	1/8"	1.6	C	£126.45
SL172V0701-24	24V DC	1/8"	1.6	C	£126.45

### DIRECT ACTING - 2/2 NC 176 SERIES

5910

PART NUMBER	VOLTAGE	PORT SIZE BSP	ORIFICE MM	COIL TYPE	PRICE
SL176V0702-230	230V / 50Hz	1/4"	2.4	C	£134.36
SL176V0702-110	110V / 50Hz	1/4"	2.4	C	£134.36
SL176V0702-245	24V / 50Hz	1/4"	2.4	C	£134.36
SL176V0702-24	24V DC	1/4"	2.4	C	£134.36

## PILOT OPERATED NORMALLY CLOSED & NORMALLY OPEN

### DESCRIPTION

Diaphragm valve, pilot operated, having full orifice. Suitable to shut off liquid and gaseous fluids.

SPECIFICATIONS	182 SERIES	282 SERIES
Functions	2/2 normally closed	2/2 normally open
Min. differential pressure	0.35 bar	0.35 bar
Max. differential pressure	16 bar - 3/8" to 1/2" 12 bar - 3/4" to 1"	12 bar
Fluid temperature	-10°C to +130°C (14°F to 266°F)	
Viscosity	5°E (37 cStokes o mm <sup>2</sup> /s)	
Voltage tolerance	DC +10% -5% AC +10% -15%	
Duty cycle	ED 100%	

### MATERIALS

Body	Stainless steel AISI 316
Sealing	FPM
Internal components	Stainless steel
Seat	Stainless steel AISI 316
Core tube	Stainless steel
Shading coil	Copper

For spare coils, see page 814.



### PILOT OPERATED - 2/2 NC 182 SERIES

5910

PART NUMBER	VOLTAGE	PORT SIZE BSP	ORIFICE MM	COIL TYPE	PRICE
SL182V0903-230	230V / 50Hz	3/8"	13.5	C	£465.83
SL182V0903-110	110V / 50Hz	3/8"	13.5	C	£465.83
SL182V0903-245	24V / 50Hz	3/8"	13.5	C	£465.83
SL182V0903-24	24V DC	3/8"	13.5	C	£465.83
SL182V0904-230	230V / 50Hz	1/2"	13.5	C	£494.14
SL182V0904-110	110V / 50Hz	1/2"	13.5	C	£494.14
SL182V0904-245	24V / 50Hz	1/2"	13.5	C	£516.64
SL182V0904-24	24V DC	1/2"	13.5	C	£497.89
SL182V0905-230	230V / 50Hz	3/4"	18.0	C	£621.90
SL182V0905-110	110V / 50Hz	3/4"	18.0	C	£621.90
SL182V0905-245	24V / 50Hz	3/4"	18.0	C	£621.90
SL182V0905-24	24V DC	3/4"	18.0	C	£621.90
SL182V0906-230	230V / 50Hz	1"	24.0	C	£749.66
SL182V0906-110	110V / 50Hz	1"	24.0	C	£749.66
SL182V0906-245	24V / 50Hz	1"	24.0	C	£749.66
SL182V0906-24	24V DC	1"	24.0	C	£749.66

### PILOT OPERATED - 2/2 NO 282 SERIES

5910

PART NUMBER	VOLTAGE	PORT SIZE BSP	ORIFICE MM	COIL TYPE	PRICE
SL282V0903-230	230V / 50Hz	3/8"	13.5	C	£492.60
SL282V0903-110	110V / 50Hz	3/8"	13.5	C	£492.60
SL282V0903-245	24V / 50Hz	3/8"	13.5	C	£492.60
SL282V0903-24	24V DC	3/8"	13.5	C	£492.60
SL282V0904-230	230V / 50Hz	1/2"	13.5	C	£532.35
SL282V0904-110	110V / 50Hz	1/2"	13.5	C	£532.35
SL282V0904-245	24V / 50Hz	1/2"	13.5	C	£532.35
SL282V0904-24	24V DC	1/2"	13.5	C	£532.35
SL282V0905-230	230V / 50Hz	3/4"	18.0	C	£619.73
SL282V0905-110	110V / 50Hz	3/4"	18.0	C	£619.73
SL282V0905-245	24V / 50Hz	3/4"	18.0	C	£619.73
SL282V0905-24	24V DC	3/4"	18.0	C	£619.73
SL282V0906-230	230V / 50Hz	1"	24.0	C	£789.60
SL282V0906-110	110V / 50Hz	1"	24.0	C	£789.60
SL282V0906-245	24V / 50Hz	1"	24.0	C	£789.60
SL282V0906-24	24V DC	1"	24.0	C	£789.60



## COILS – FOR USE WITH STANDARD AND STAINLESS STEEL SOLENOID VALVES



**COILS**  
**TYPE A**

5920

PART NUMBER	POWER ABSORPTION			VOLTAGE	PRICE
	AC (VA) INRUSH	DC HOLDING (W)			
SLZA30AA	23	14	-	230 V / 50 Hz	£48.90
SLZA30AC	23	14	-	110 V / 50 Hz	£48.90
SLZA30AE	23	14	-	24 V / 50 Hz	£48.90
SLZA30AL	-	-	9	24 V DC	£48.90

**TYPE B**

SLZB10AA	12	6	-	230 V / 50 Hz	£39.98
SLZB10AC	12	6	-	110 V / 50 Hz	£39.98
SLZB10AE	12	6	-	24 V / 50 Hz	£39.98
SLZB10AL	-	-	5.5	24 V DC	£39.98

**TYPE C**

SLZB12AA	12	6	-	230 V / 50 Hz	£48.11
SLZB12AC	12	6	-	110 V / 50 Hz	£48.11
SLZB12AE	12	6	-	24 V / 50 Hz	£48.11
SLZB12AL	-	-	5.5	24 V DC	£48.11

**TYPE D**

SLZ130AA	44	24	-	230 V / 50 Hz	£74.89
SLZ130AC	44	24	-	110 V / 50 Hz	£74.89
SLZ130AE	44	24	-	24 V / 50 Hz	£74.89
SLZ130AL	-	-	13	24 V DC	£74.89

**TYPE E**

SLZ923AA	50	27	-	230 V / 50 Hz	£108.23
SLZ923AC	50	27	-	110 V / 50 Hz	£108.23
SLZ923AE	50	27	-	24 V / 50 Hz	£108.23
SLZ923AL	-	-	17	24 V DC	£108.23



**COILS**  
**TYPE F**

5920

PART NUMBER	POWER ABSORPTION			VOLTAGE	PRICE
	AC (VA) INRUSH	DC HOLDING (W)			
SLZ614AA	16	10	-	230 V / 50 Hz	£53.51
SLZ614AC	16	10	-	110 V / 50 Hz	£53.51
SLZ614AE	16	10	-	24 V / 50 Hz	£53.51

**TYPE G**

SLZ534AA	23	14	-	230 V / 50 Hz	£75.26
SLZ534AC	23	14	-	110 V / 50 Hz	£75.26
SLZ534AE	23	14	-	24 V / 50 Hz	£75.26

**TYPE H**

SLZB10KAA	44	24	-	230 V / 50 Hz	£39.98
SLZB10KAC	44	24	-	110 V / 50 Hz	£39.98
SLZB10KAE	44	24	-	24 V / 50 Hz	£39.98

**TYPE I**

SLZ914AA	50	27	-	230 V / 50 Hz	£108.23
SLZ914AC	50	27	-	110 V / 50 Hz	£108.23
SLZ914AE	50	27	-	24 V / 50 Hz	£108.23

**TYPE J**

SLZA30YA	28	20	-	230 V / 50 Hz	£48.90
SLZA30YC	28	20	-	110 V / 50 Hz	£48.90
SLZA30YE	28	20	-	24 V / 50 Hz	£48.90

**TYPE K**

SLZB10YA	11.7	10	-	230 V / 50 Hz	£39.98
SLZB10YC	11.7	10	-	110 V / 50 Hz	£39.98
SLZB10YE	11.7	10	-	24 V / 50 Hz	£39.98
SLZC10AL	-	-	5.5	24 V DC	£39.98

## OMAL VIP CO-AXIAL FLOW VALVES

### BUNA SEALS



**VIP VALVE**  
**DOUBLE ACTING**

5910

PART NUMBER	PORT SIZE	PRICE
SLVDA10003	3/8" BSP	£137.48
SLVDA10004	1/2" BSP	£156.64
SLVDA10005	3/4" BSP	£182.51
SLVDA10006	1" BSP	£205.05
SLVDA10007	1 1/4" BSP	£273.79
SLVDA10008	1 1/2" BSP	£340.24
SLVDA10009	2" BSP	£473.25

### SPRING RETURN NORMALLY CLOSED

SLVNC10003	3/8" BSP	£144.23
SLVNC10004	1/2" BSP	£162.26
SLVNC10005	3/4" BSP	£192.68
SLVNC10006	1" BSP	£215.21
SLVNC10007	1 1/4" BSP	£291.83
SLVNC10008	1 1/2" BSP	£363.94
SLVNC10009	2" BSP	£503.63

### SPRING RETURN NORMALLY OPEN

SLVNA10003	3/8" BSP	£144.23
SLVNA10004	1/2" BSP	£162.26
SLVNA10005	3/4" BSP	£192.68
SLVNA10006	1" BSP	£215.21
SLVNA10007	1 1/4" BSP	£291.83
SLVNA10008	1 1/2" BSP	£363.94
SLVNA10009	2" BSP	£503.63

### VITON™ SEALS



**VIP VALVE**  
**DOUBLE ACTING**

5910

PART NUMBER	PORT SIZE	PRICE
SLVDA20003	3/8" BSP	£145.35
SLVDA20004	1/2" BSP	£163.39
SLVDA20005	3/4" BSP	£193.80
SLVDA20006	1" BSP	£218.59
SLVDA20007	1 1/4" BSP	£290.70
SLVDA20008	1 1/2" BSP	£363.94
SLVDA20009	2" BSP	£501.38

### SPRING RETURN NORMALLY CLOSED

SLVNC20003	3/8" BSP	£150.98
SLVNC20004	1/2" BSP	£170.14
SLVNC20005	3/4" BSP	£202.80
SLVNC20006	1" BSP	£228.75
SLVNC20007	1 1/4" BSP	£309.83
SLVNC20008	1 1/2" BSP	£387.60
SLVNC20009	2" BSP	£530.66

### SPRING RETURN NORMALLY OPEN

SLVNA20003	3/8" BSP	£150.98
SLVNA20004	1/2" BSP	£170.14
SLVNA20005	3/4" BSP	£202.80
SLVNA20006	1" BSP	£228.75
SLVNA20007	1 1/4" BSP	£309.83
SLVNA20008	1 1/2" BSP	£387.60

## DIRECT ACTING NORMALLY CLOSED

### DESCRIPTION

Low cost direct acting solenoid valve for on/off control of non-aggressive fluids and gases, air, oil or water, compatible with materials of construction

### SPECIFICATIONS

Functions	Normally closed, energised to open
Ambient temperature	-10°C to +55°C (+14°F to +131°F)
Fluid temperature	Max. 130°C (+266°F)
Viscosity	Max. 21 Cst. 3°E
Coil voltage	12 V and 24 V DC, 24 V, 48 V, 110 V and 230 V 50 Hz
Voltage tolerance	± 10%
Consumption	DC: Approx. 8 watts
Duty cycle	100% continuous rating
Protection class	IP65 to DIN 40050 with correctly assembled connectors
Weight	0.20 kg
Coil insulation	Class F

### MATERIALS

Body and tube	Brass
Other inner parts	Stainless steel
Seal	Viton™

Kv measured in m<sup>3</sup>/h.  
Water at 1 bar pressure drop.

Coils to be ordered separately.  
See page 817.

Max. Operating Pressure	8 Watt Coil E	
	AC	DC
AVT1B17	0 to 30 bar	0 to 20 bar
AVT1B28	0 to 14 bar	0 to 10 bar
AVT2B28	0 to 14 bar	0 to 10 bar
AVT2B40	0 to 06 bar	0 to 03 bar



### DIRECT ACTING – TYPE T NORMALLY CLOSED

9710

PART NUMBER	PORT SIZE	ORIFICE SIZE	KV**	PRICE
AVT1B17	1/8"	1.7 mm	0.09 m <sup>3</sup> /h	£16.07
AVT1B28	1/8"	2.8 mm	0.21 m <sup>3</sup> /h	£16.07
AVT2B28	1/4"	2.8 mm	0.21 m <sup>3</sup> /h	£16.07
AVT2B40	1/4"	4.0 mm	0.30 m <sup>3</sup> /h	£16.07

## DIRECT ACTING NORMALLY OPEN OR CLOSED

### DESCRIPTION

Direct acting, two-way normally open or closed solenoid valve for on/off control of non-aggressive liquids and gases e.g. air, oil, water, compatible with materials of construction. Port sizes 1/8" to 1/2".

### SPECIFICATIONS

Functions	2-way normally open or normally closed
Ambient temperature	-10°C to +55°C (+14°F to +131°F)
Fluid temperature	-10°C to +130°C (+14°F to +266°F)
Viscosity	Max. 37 Cst. 5°E
Coil voltage	12 V and 24 V DC, 24 V, 48 V, 110 V and 230 V 50 Hz
Voltage tolerance	± 10% (+10% -5% on pure DC)
Response time	10 to 30 m/seconds
Duty cycle	100% continuous rating
Protection class	IP65 to DIN 40050 with correctly assembled connectors
Cycling frequencies	Max. 1500 cpm

### MATERIALS

Body	Brass
Tube and nut	Stainless steel
Seal	Viton™

Kv measured in m<sup>3</sup>/h.  
Water at 1 bar pressure drop.

Coils to be ordered separately.  
See page 817.

Max. Operating Pressure	8 Watt Coil E		12 Watt Coil U	
	AC	DC	AC	DC
AVA3K25	14 bar	9 bar	30 bar	25 bar
AVA2K30	10 bar	5 bar	25 bar	20 bar
AVA5K45	5 bar	2 bar	12 bar	7 bar
AVA8K45	5 bar	2 bar	12 bar	7 bar
AVA3Z25	14 bar	14 bar	17 bar	17 bar
AVA2Z30	10 bar	10 bar	15 bar	15 bar
AVA5Z45	4 bar	4 bar	6 bar	6 bar
AVA8Z45	4 bar	4 bar	6 bar	6 bar



### DIRECT ACTING – TYPE A NORMALLY CLOSED

9710

PART NUMBER	PORT SIZE	ORIFICE SIZE	KV**	PRICE
AVA3K25	1/8"	2.5 mm	0.15 m <sup>3</sup> /h	£51.90
AVA2K30	1/4"	3.0 mm	0.18 m <sup>3</sup> /h	£51.90
AVA5K45	3/8"	4.5 mm	0.38 m <sup>3</sup> /h	£52.70
AVA8K45	1/2"	4.5 mm	0.54 m <sup>3</sup> /h	£56.71

### NORMALLY OPEN

AVA3Z25	1/8"	2.5 mm	0.15 m <sup>3</sup> /h	£61.83
AVA2Z30	1/4"	3.0 mm	0.18 m <sup>3</sup> /h	£61.83
AVA5Z45	3/8"	4.5 mm	0.38 m <sup>3</sup> /h	£66.82
AVA8Z45	1/2"	4.5 mm	0.54 m <sup>3</sup> /h	£69.52

## SERVO ASSISTED NORMALLY CLOSED / OPEN – BRASS

### DESCRIPTION

Servo acting solenoid valves for on-off control of non-aggressive fluid, air, oil or water, compatible with materials of construction. Minimum pressure drop of 0.2 bar required to ensure satisfactory operation.

### SPECIFICATIONS

Functions	Normally open or normally closed
Ambient temperature	-20°C to +55°C (-4°F to +131°F)
Fluid temperature	-10°C to +130°C (+14°F to +266°F)
Viscosity	Max. 37 Cst. 5°E
Coil voltage	12 V and 24 V DC, 24 V, 48 V, 110 V and 230 V 50 Hz
Voltage tolerance	± 10%
Consumption	DC ∅ 8 watts
Duty cycle	100% continuous rating
Protection class	IP65 to DIN 40050 with correctly assembled connectors
Operating speed	Max. 200 cycles per min

### MATERIALS

Body	Brass
Other inner parts	Stainless steel
Seal	Viton™

Kv measured in m<sup>3</sup>/h  
Water at 1 bar pressure drop

Coils to be ordered separately.  
See page 817.

Max. Operating Pressure	8 Watt Coil E
AVW1K12	0.2 to 16 bar
AVW2K12	0.2 to 16 bar
AVW3K19	0.2 to 16 bar
AVW4K25	0.2 to 16 bar
AVW5K35	0.2 to 10 bar
AVW6K40	0.2 to 10 bar
AVW7K50	0.2 to 10 bar



SERVO ASSISTED – TYPE W  
NORMALLY CLOSED

9710

PART NUMBER	PORT SIZE	ORIFICE SIZE	KV**	PRICE
AVW1K12	3/8"	13 mm	3.6 m <sup>3</sup> /h	£97.47
AVW2K12	1/2"	13 mm	4.2 m <sup>3</sup> /h	£103.32
AVW3K19	3/4"	19 mm	8.4 m <sup>3</sup> /h	£165.80
AVW4K25	1"	25 mm	11.0 m <sup>3</sup> /h	£180.83
AVW5K35	1 1/4"	35 mm	24.0 m <sup>3</sup> /h	£400.92
AVW6K40	1 1/2"	40 mm	31.0 m <sup>3</sup> /h	£424.45
AVW7K50	2"	50 mm	45.0 m <sup>3</sup> /h	£566.93

### NORMALLY OPEN

AVW1Z12	3/8"	13 mm	3.6 m <sup>3</sup> /h	£119.52
AVW2Z12	1/2"	13 mm	4.2 m <sup>3</sup> /h	£125.29
AVW3Z19	3/4"	19 mm	8.4 m <sup>3</sup> /h	£185.98
AVW4Z25	1"	25 mm	11.0 m <sup>3</sup> /h	£202.57
AVW5Z35	1 1/4"	35 mm	24.0 m <sup>3</sup> /h	£415.09
AVW6Z40	1 1/2"	40 mm	31.0 m <sup>3</sup> /h	£433.06
AVW7Z50	2"	50 mm	45.0 m <sup>3</sup> /h	£589.03

## COMBINED OPERATION NORMALLY CLOSED – BRASS

### DESCRIPTION

Solenoid valves type 21H are normally closed valves, energised to open and similar in design to servo acting valves 21W series but with the diaphragm coupled to the solenoid plunger. This enables the valve to operate at zero pressure without the need for a pressure differential, thus overcoming the problem associated with gravity feed and circulatory systems. Operates from zero pressure, no differential required.

### SPECIFICATIONS

Functions	Normally closed, energised to open
Ambient temperature	-20°C to +55°C (-4°F to +131°F)
Fluid temperature	-10°C to +140°C (+14°F to +284°F)
Viscosity	Max. 21 Cst. 3°E
Coil voltage	12 V and 24 V DC, 24 V, 48 V, 110 V and 230 V 50 Hz
Voltage tolerance	± 10%
Consumption	8 watts 25/14 VA 12 watts 35/25 14 watts 43/27 VA
Duty cycle	100% continuous rating
Protection class	IP65 to DIN 400 with correctly assembled connectors

### MATERIALS

Seal	Viton™
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Kv measured in m<sup>3</sup>/h  
Water at 1 bar pressure drop

Coils to be ordered separately.  
See page 817.

Max. Operating Pressure	8 Watt Coil E		12 Watt Coil U		14 Watt Coil M	
	AC	DC	AC	DC	AC	DC
AVH1K-12	16 bar	1.5 bar	20 bar	6 bar	20 bar	15 bar
AVH2K-12	16 bar	1.5 bar	20 bar	6 bar	20 bar	15 bar
AV3HK-20	16 bar	6 bar	16 bar	16 bar	16 bar	16 bar
AVH4K-25	16 bar	5 bar	16 bar	16 bar	16 bar	16 bar
AVH8K-40	-	-	16 bar	0 bar	16 bar	6 bar



COUPLED DIAPHRAGM – TYPE H  
NORMALLY CLOSED

9710

PART NUMBER	PORT SIZE	ORIFICE SIZE	KV**	PRICE
AVH1K-12	3/8"	12 mm	1.7 m <sup>3</sup> /h	£106.44
AVH2K-12	1/2"	12 mm	1.9 m <sup>3</sup> /h	£114.89
AV3HK-20	3/4"	20 mm	7.2 m <sup>3</sup> /h	£140.63
AVH4K-25	1"	25 mm	8.4 m <sup>3</sup> /h	£157.79
AVH8K-40	1 1/2"	40 mm	16.8 m <sup>3</sup> /h	£409.79

## COILS FOR SOLENOID VALVES TYPES T, A, W, H AND WA

### COIL VOLTAGES

12V DC	24V 50Hz	110V 50Hz
24V DC	48V 50Hz	230V 50Hz

### COIL RATINGS

Power	Voltage	Frequency	External Fuse (mA)
7.2	24	50 – 60 Hz	315
9.13	110	50 – 60 Hz	83
7.7 – 9.24	220 – 240	50 – 60 Hz	35 – 38.5
10.1	24	DC	421

Coil Consumption	E	H	U	M	L
Inrush Current VA(AC)	25	25	35	43	15
Holding Current VA(AC)	14	14	25	27	11
Power Consumption W(AC/DC)	8	8	12	14	5



## STANDARD

### COIL TYPE E FOR USE WITH

SOLENOID VALVE TYPE T, A, W & H

9710

PART NUMBER	TYPE	PRICE
AVA12VDCE	Standard	£25.04
AVA24VDCE	Standard	£25.04
AVA2450E	Standard	£25.04
AVA11050E	Standard	£25.04
AVA23050E	Standard	£25.04

For use with solenoid valve type T, A, W & H.

## HIGH TEMPERATURE

### COIL TYPE H FOR USE WITH

SOLENOID VALVE TYPE A

9710

PART NUMBER	TYPE	PRICE
AVA12VDCH	High Temperature	£28.03
AVA24VDCH	High Temperature	£28.03
AVA2450H	High Temperature	£28.03
AVA11050H	High Temperature	£28.03
AVA23050H	High Temperature	£28.03

For use with solenoid valve type A.

## HIGH POWER

### COIL TYPE U FOR USE WITH

SOLENOID VALVE TYPE A

9710

PART NUMBER	TYPE	PRICE
AVA12VDCU	High Power	£38.53
AVA24VDCU	High Power	£38.53
AVA2450U	High Power	£38.53
AVA11050U	High Power	£38.53
AVA23050U	High Power	£38.53

For use with solenoid valve type A.

### COIL TYPE M FOR USE WITH

SOLENOID VALVE TYPE H

9710

PART NUMBER	TYPE	PRICE
AVA24VDCM	High Power	£59.77
AVA2450M	High Power	£59.77
AVA11050M	High Power	£59.77
AVA23050M	High Power	£59.77

For use with solenoid valve type H.

## DIN PLUG

New

### DIN CONNECTOR

2530



PART NUMBER	DESCRIPTION	PRICE
ZKA132000B9	DIN plug	£2.05



## FEATURES

- The Seetru LGS™ multi purpose Pressure Relief Valve is a high quality, repeatable relief valve
- The robust and reliable construction of the Seetru LGS™ valve range is designed for the widest range of industrial applications
- Single trim design means that the valves can be used for liquid, gas or steam applications, including hot water boilers and air receivers
- The valves are CE marked, TUV approved and designed in accordance with ISO 4126-1
- All Seetru safety valves are supplied with a PED declaration of test and conformity certificate
- Most common pressures shown below, others available upon request
- WRAS approved product – compliant with the requirements of the United Kingdom Water Supply (Water Fittings) Regulations and Scottish Water Byelaws
- Supplied with Test Certificates

## SPECIFICATIONS

Body material	Bronze
Inlet material	Brass
Spring material	Stainless steel
Seal material	PTFE
Valves are supplied with lever lift manual easing gear	
Temperature range	-60°C to +200°C
Set pressure	0.2 bar (g) to 24 bar (g)

All Seetru Pressure Relief Valves are supplied with Test Certificates.

## MULTI PURPOSE PRESSURE RELIEF VALVES



2275



2275

### LGS™ BRONZE SAFETY VALVES

DN 15 MM

PART NUMBER	VALVE INLET & OUTLET	PRESSURE	PRICE
SET-L3615A3277-0.5	1/2" BSPP	0.5 bar	£127.99
SET-L3615A3277-1.0	1/2" BSPP	1.0 bar	£127.99
SET-L3615A3277-1.5	1/2" BSPP	1.5 bar	£127.99
SET-L3615A3277-2.0	1/2" BSPP	2.0 bar	£127.99
SET-L3615A3277-2.5	1/2" BSPP	2.5 bar	£127.99
SET-L3615A3277-3.0	1/2" BSPP	3.0 bar	£127.99
SET-L3615A3277-3.5	1/2" BSPP	3.5 bar	£127.99
SET-L3615A3277-4.0	1/2" BSPP	4.0 bar	£127.99
SET-L3615A3277-4.5	1/2" BSPP	4.5 bar	£127.99
SET-L3615A3277-5.0	1/2" BSPP	5.0 bar	£127.99
SET-L3615A3277-5.5	1/2" BSPP	5.5 bar	£127.99
SET-L3615A3277-6.0	1/2" BSPP	6.0 bar	£127.99
SET-L3615A3277-6.5	1/2" BSPP	6.5 bar	£127.99
SET-L3615A3277-7.0	1/2" BSPP	7.0 bar	£127.99
SET-L3615A3277-7.5	1/2" BSPP	7.5 bar	£127.99
SET-L3615A3277-8.0	1/2" BSPP	8.0 bar	£127.99
SET-L3615A3277-8.5	1/2" BSPP	8.5 bar	£127.99
SET-L3615A3277-9.0	1/2" BSPP	9.0 bar	£127.99
SET-L3615A3277-9.5	1/2" BSPP	9.5 bar	£127.99
SET-L3615A3277-10.0	1/2" BSPP	10.0 bar	£127.99
SET-L3615A3277-10.5	1/2" BSPP	10.5 bar	£127.99
SET-L3615A3277-11.0	1/2" BSPP	11.0 bar	£127.99
SET-L3615A3277-11.5	1/2" BSPP	11.5 bar	£127.99
SET-L3615A3277-12.0	1/2" BSPP	12.0 bar	£127.99
SET-L3615A3277-12.5	1/2" BSPP	12.5 bar	£127.99
SET-L3615A3277-13.0	1/2" BSPP	13.0 bar	£127.99
SET-L3615A3277-13.5	1/2" BSPP	13.5 bar	£127.99
SET-L3615A3277-14.0	1/2" BSPP	14.0 bar	£127.99
SET-L3615A3277-14.5	1/2" BSPP	14.5 bar	£127.99
SET-L3615A3277-15.0	1/2" BSPP	15.0 bar	£127.99

### LGS™ BRONZE SAFETY VALVES

DN 20 MM

PART NUMBER	VALVE INLET & OUTLET	PRESSURE	PRICE
SET-L3620A3307-0.5	3/4" BSPP	0.5 bar	£133.68
SET-L3620A3307-1.0	3/4" BSPP	1.0 bar	£133.68
SET-L3620A3307-1.5	3/4" BSPP	1.5 bar	£133.68
SET-L3620A3307-2.0	3/4" BSPP	2.0 bar	£133.68
SET-L3620A3307-2.5	3/4" BSPP	2.5 bar	£133.68
SET-L3620A3307-3.0	3/4" BSPP	3.0 bar	£133.68
SET-L3620A3307-3.5	3/4" BSPP	3.5 bar	£133.68
SET-L3620A3307-4.0	3/4" BSPP	4.0 bar	£133.68
SET-L3620A3307-4.5	3/4" BSPP	4.5 bar	£133.68
SET-L3620A3307-5.0	3/4" BSPP	5.0 bar	£133.68
SET-L3620A3307-5.5	3/4" BSPP	5.5 bar	£133.68
SET-L3620A3307-6.0	3/4" BSPP	6.0 bar	£133.68
SET-L3620A3307-6.5	3/4" BSPP	6.5 bar	£133.68
SET-L3620A3307-7.0	3/4" BSPP	7.0 bar	£133.68
SET-L3620A3307-7.5	3/4" BSPP	7.5 bar	£133.68
SET-L3620A3307-8.0	3/4" BSPP	8.0 bar	£133.68
SET-L3620A3307-8.5	3/4" BSPP	8.5 bar	£133.68
SET-L3620A3307-9.0	3/4" BSPP	9.0 bar	£133.68
SET-L3620A3307-9.5	3/4" BSPP	9.5 bar	£133.68
SET-L3620A3307-10.0	3/4" BSPP	10.0 bar	£133.68
SET-L3620A3307-10.5	3/4" BSPP	10.5 bar	£133.68
SET-L3620A3307-11.0	3/4" BSPP	11.0 bar	£133.68
SET-L3620A3307-11.5	3/4" BSPP	11.5 bar	£133.68
SET-L3620A3307-12.0	3/4" BSPP	12.0 bar	£133.68
SET-L3620A3307-12.5	3/4" BSPP	12.5 bar	£133.68
SET-L3620A3307-13.0	3/4" BSPP	13.0 bar	£133.68
SET-L3620A3307-13.5	3/4" BSPP	13.5 bar	£133.68
SET-L3620A3307-14.0	3/4" BSPP	14.0 bar	£133.68
SET-L3620A3307-14.5	3/4" BSPP	14.5 bar	£133.68
SET-L3620A3307-15.0	3/4" BSPP	15.0 bar	£133.68

## FEATURES

- The Seetru LGS™ multi purpose Pressure Relief Valve is a high quality, repeatable relief valve
- The robust and reliable construction of the Seetru LGS™ valve range is designed for the widest range of industrial applications
- Single trim design means that the valves can be used for liquid, gas or steam applications including hot water boilers and air receivers
- The valves are CE marked, TUV approved and designed in accordance with ISO 4126-1
- All Seetru safety valves are supplied with a PED declaration of test and conformity certificate
- Most common pressures shown below, others available upon request
- WRAS approved product – compliant with the requirements of the United Kingdom Water Supply (Water Fittings) Regulations and Scottish Water Byelaws
- Supplied with Test Certificates

## SPECIFICATIONS

Body material	Bronze
Inlet material	Brass
Spring material	Stainless steel
Seal material	PTFE
Valves are supplied with lever lift manual easing gear	
Temperature range	-60°C to + 200°C
Set pressure	0.2 bar (g) to 24 bar (g)

All Seetru Pressure Relief Valves are supplied with Test Certificates.

## MULTI PURPOSE PRESSURE RELIEF VALVES



2275

### LGS™ BRONZE SAFETY VALVES

DN 25 MM

PART NUMBER	VALVE INLET & OUTLET	PRESSURE	PRICE
SET-L3625A3337-0.5	1" BSPP	0.5 bar	£167.97
SET-L3625A3337-1.0	1" BSPP	1.0 bar	£167.97
SET-L3625A3337-1.5	1" BSPP	1.5 bar	£167.97
SET-L3625A3337-2.0	1" BSPP	2.0 bar	£167.97
SET-L3625A3337-2.5	1" BSPP	2.5 bar	£167.97
SET-L3625A3337-3.0	1" BSPP	3.0 bar	£167.97
SET-L3625A3337-3.5	1" BSPP	3.5 bar	£167.97
SET-L3625A3337-4.0	1" BSPP	4.0 bar	£167.97
SET-L3625A3337-4.5	1" BSPP	4.5 bar	£167.97
SET-L3625A3337-5.0	1" BSPP	5.0 bar	£167.97
SET-L3625A3337-5.5	1" BSPP	5.5 bar	£167.97
SET-L3625A3337-6.0	1" BSPP	6.0 bar	£167.97
SET-L3625A3337-6.5	1" BSPP	6.5 bar	£167.97
SET-L3625A3337-7.0	1" BSPP	7.0 bar	£167.97
SET-L3625A3337-7.5	1" BSPP	7.5 bar	£167.97
SET-L3625A3337-8.0	1" BSPP	8.0 bar	£167.97
SET-L3625A3337-8.5	1" BSPP	8.5 bar	£167.97
SET-L3625A3337-9.0	1" BSPP	9.0 bar	£167.97
SET-L3625A3337-9.5	1" BSPP	9.5 bar	£167.97
SET-L3625A3337-10.0	1" BSPP	10.0 bar	£167.97
SET-L3625A3337-10.5	1" BSPP	10.5 bar	£167.97
SET-L3625A3337-11.0	1" BSPP	11.0 bar	£167.97
SET-L3625A3337-11.5	1" BSPP	11.5 bar	£167.97
SET-L3625A3337-12.0	1" BSPP	12.0 bar	£167.97
SET-L3625A3337-12.5	1" BSPP	12.5 bar	£167.97
SET-L3625A3337-13.0	1" BSPP	13.0 bar	£167.97
SET-L3625A3337-13.5	1" BSPP	13.5 bar	£167.97
SET-L3625A3337-14.0	1" BSPP	14.0 bar	£167.97
SET-L3625A3337-14.5	1" BSPP	14.5 bar	£167.97
SET-L3625A3337-15.0	1" BSPP	15.0 bar	£167.97



2275

### LGS™ BRONZE SAFETY VALVES

DN 32 MM

PART NUMBER	VALVE INLET & OUTLET	PRESSURE	PRICE
SET-L3632A3367-0.5	1 1/4" BSPP	0.5 bar	£230.96
SET-L3632A3367-1.0	1 1/4" BSPP	1.0 bar	£230.96
SET-L3632A3367-1.5	1 1/4" BSPP	1.5 bar	£230.96
SET-L3632A3367-2.0	1 1/4" BSPP	2.0 bar	£230.96
SET-L3632A3367-2.5	1 1/4" BSPP	2.5 bar	£230.96
SET-L3632A3367-3.0	1 1/4" BSPP	3.0 bar	£230.96
SET-L3632A3367-3.5	1 1/4" BSPP	3.5 bar	£230.96
SET-L3632A3367-4.0	1 1/4" BSPP	4.0 bar	£230.96
SET-L3632A3367-4.5	1 1/4" BSPP	4.5 bar	£230.96
SET-L3632A3367-5.0	1 1/4" BSPP	5.0 bar	£230.96
SET-L3632A3367-5.5	1 1/4" BSPP	5.5 bar	£230.96
SET-L3632A3367-6.0	1 1/4" BSPP	6.0 bar	£230.96
SET-L3632A3367-6.5	1 1/4" BSPP	6.5 bar	£230.96
SET-L3632A3367-7.0	1 1/4" BSPP	7.0 bar	£230.96
SET-L3632A3367-7.5	1 1/4" BSPP	7.5 bar	£230.96
SET-L3632A3367-8.0	1 1/4" BSPP	8.0 bar	£230.96
SET-L3632A3367-8.5	1 1/4" BSPP	8.5 bar	£230.96
SET-L3632A3367-9.0	1 1/4" BSPP	9.0 bar	£230.96
SET-L3632A3367-9.5	1 1/4" BSPP	9.5 bar	£230.96
SET-L3632A3367-10.0	1 1/4" BSPP	10.0 bar	£230.96
SET-L3632A3367-10.5	1 1/4" BSPP	10.5 bar	£230.96
SET-L3632A3367-11.0	1 1/4" BSPP	11.0 bar	£230.96
SET-L3632A3367-11.5	1 1/4" BSPP	11.5 bar	£230.96
SET-L3632A3367-12.0	1 1/4" BSPP	12.0 bar	£230.96
SET-L3632A3367-12.5	1 1/4" BSPP	12.5 bar	£230.96
SET-L3632A3367-13.0	1 1/4" BSPP	13.0 bar	£230.96
SET-L3632A3367-13.5	1 1/4" BSPP	13.5 bar	£230.96
SET-L3632A3367-14.0	1 1/4" BSPP	14.0 bar	£230.96
SET-L3632A3367-14.5	1 1/4" BSPP	14.5 bar	£230.96
SET-L3632A3367-15.0	1 1/4" BSPP	15.0 bar	£230.96

## FEATURES

- The Seetru LGS™ multi purpose Pressure Relief Valve is a high quality, repeatable relief valve
- The robust and reliable construction of the Seetru LGS™ valve range is designed for the widest range of industrial applications
- Single trim design means that the valves can be used for liquid, gas or steam applications, including hot water boilers and air receivers
- The valves are CE marked, TUV approved and designed in accordance with ISO 4126-1
- All Seetru safety valves are supplied with a PED declaration of test and conformity certificate
- Most common pressures shown below, others available upon request
- WRAS approved product – compliant with the requirements of the United Kingdom Water Supply (Water Fittings) Regulations and Scottish Water Byelaws
- Supplied with Test Certificates

## SPECIFICATIONS

Body material	Bronze
Inlet material	Brass
Spring material	Stainless steel
Seal material	PTFE
Valves are supplied with lever lift manual easing gear	
Temperature range	-60°C to + 200°C
Set pressure	0.2 bar (g) to 24 bar (g)

All Seetru Pressure Relief Valves are supplied with Test Certificates.

## MULTI PURPOSE PRESSURE RELIEF VALVES



**LGS™ BRONZE SAFETY VALVES**  
DN 40 MM

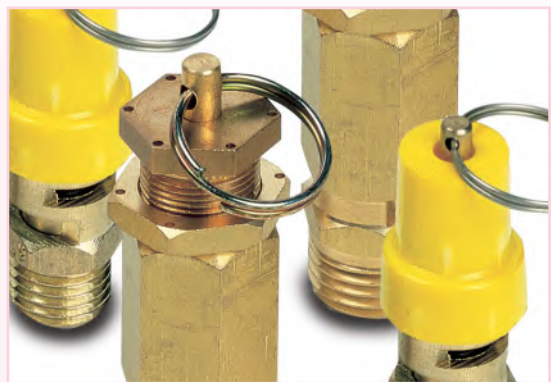
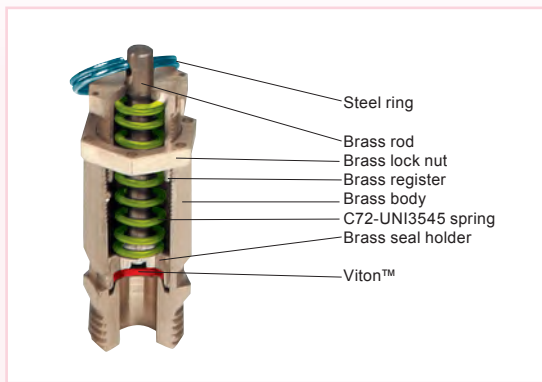
2275

**LGS™ BRONZE SAFETY VALVES**  
DN 50 MM

2275

PART NUMBER	VALVE INLET & OUTLET	PRESSURE	PRICE
SET-L3640A3397-0.5	1 1/2" BSPP	0.5 bar	£341.46
SET-L3640A3397-1.0	1 1/2" BSPP	1.0 bar	£341.46
SET-L3640A3397-1.5	1 1/2" BSPP	1.5 bar	£341.46
SET-L3640A3397-2.0	1 1/2" BSPP	2.0 bar	£341.46
SET-L3640A3397-2.5	1 1/2" BSPP	2.5 bar	£341.46
SET-L3640A3397-3.0	1 1/2" BSPP	3.0 bar	£341.46
SET-L3640A3397-3.5	1 1/2" BSPP	3.5 bar	£341.46
SET-L3640A3397-4.0	1 1/2" BSPP	4.0 bar	£341.46
SET-L3640A3397-4.5	1 1/2" BSPP	4.5 bar	£341.46
SET-L3640A3397-5.0	1 1/2" BSPP	5.0 bar	£341.46
SET-L3640A3397-5.5	1 1/2" BSPP	5.5 bar	£341.46
SET-L3640A3397-6.0	1 1/2" BSPP	6.0 bar	£341.46
SET-L3640A3397-6.5	1 1/2" BSPP	6.5 bar	£341.46
SET-L3640A3397-7.0	1 1/2" BSPP	7.0 bar	£341.46
SET-L3640A3397-7.5	1 1/2" BSPP	7.5 bar	£341.46
SET-L3640A3397-8.0	1 1/2" BSPP	8.0 bar	£341.46
SET-L3640A3397-8.5	1 1/2" BSPP	8.5 bar	£341.46
SET-L3640A3397-9.0	1 1/2" BSPP	9.0 bar	£341.46
SET-L3640A3397-9.5	1 1/2" BSPP	9.5 bar	£341.46
SET-L3640A3397-10.0	1 1/2" BSPP	10.0 bar	£341.46
SET-L3640A3397-10.5	1 1/2" BSPP	10.5 bar	£341.46
SET-L3640A3397-11.0	1 1/2" BSPP	11.0 bar	£341.46
SET-L3640A3397-11.5	1 1/2" BSPP	11.5 bar	£341.46
SET-L3640A3397-12.0	1 1/2" BSPP	12.0 bar	£341.46
SET-L3640A3397-12.5	1 1/2" BSPP	12.5 bar	£341.46
SET-L3640A3397-13.0	1 1/2" BSPP	13.0 bar	£341.46
SET-L3640A3397-13.5	1 1/2" BSPP	13.5 bar	£341.46
SET-L3640A3397-14.0	1 1/2" BSPP	14.0 bar	£341.46
SET-L3640A3397-14.5	1 1/2" BSPP	14.5 bar	£341.46
SET-L3640A3397-15.0	1 1/2" BSPP	15.0 bar	£341.46

PART NUMBER	VALVE INLET & OUTLET	PRESSURE	PRICE
SET-L3650A3427-0.5	2" BSPP	0.5 bar	£436.08
SET-L3650A3427-1.0	2" BSPP	1.0 bar	£436.08
SET-L3650A3427-1.5	2" BSPP	1.5 bar	£436.08
SET-L3650A3427-2.0	2" BSPP	2.0 bar	£436.08
SET-L3650A3427-2.5	2" BSPP	2.5 bar	£436.08
SET-L3650A3427-3.0	2" BSPP	3.0 bar	£436.08
SET-L3650A3427-3.5	2" BSPP	3.5 bar	£436.08
SET-L3650A3427-4.0	2" BSPP	4.0 bar	£436.08
SET-L3650A3427-4.5	2" BSPP	4.5 bar	£436.08
SET-L3650A3427-5.0	2" BSPP	5.0 bar	£436.08
SET-L3650A3427-5.5	2" BSPP	5.5 bar	£436.08
SET-L3650A3427-6.0	2" BSPP	6.0 bar	£436.08
SET-L3650A3427-6.5	2" BSPP	6.5 bar	£436.08
SET-L3650A3427-7.0	2" BSPP	7.0 bar	£436.08
SET-L3650A3427-7.5	2" BSPP	7.5 bar	£436.08
SET-L3650A3427-8.0	2" BSPP	8.0 bar	£436.08
SET-L3650A3427-8.5	2" BSPP	8.5 bar	£436.08
SET-L3650A3427-9.0	2" BSPP	9.0 bar	£436.08
SET-L3650A3427-9.5	2" BSPP	9.5 bar	£436.08
SET-L3650A3427-10.0	2" BSPP	10.0 bar	£436.08
SET-L3650A3427-10.5	2" BSPP	10.5 bar	£436.08
SET-L3650A3427-11.0	2" BSPP	11.0 bar	£436.08
SET-L3650A3427-11.5	2" BSPP	11.5 bar	£436.08
SET-L3650A3427-12.0	2" BSPP	12.0 bar	£436.08
SET-L3650A3427-12.5	2" BSPP	12.5 bar	£436.08
SET-L3650A3427-13.0	2" BSPP	13.0 bar	£436.08
SET-L3650A3427-13.5	2" BSPP	13.5 bar	£436.08
SET-L3650A3427-14.0	2" BSPP	14.0 bar	£436.08
SET-L3650A3427-14.5	2" BSPP	14.5 bar	£436.08
SET-L3650A3427-15.0	2" BSPP	15.0 bar	£436.08



DESCRIPTION	
Safety valve with adjustable spring.	
SPECIFICATIONS	
Max. working pressure	16 bar (Series FP-200M1018.A up to 18 bar)
Temperature range	-10°C to +85°C

DESCRIPTION	
Pressure relief valve with set spring. Set safety valve registering is stopped by means of fixed plastic hood. It can be removed only when it's broken.	
SPECIFICATIONS	
Max. working pressure	18 bar
Temperature range	-10°C to +85°C



1925

### PRESSURE RELIEF VALVE ADJUSTABLE MANUAL EXHAUST RING

PART NUMBER	THREAD	ADJUSTABLE PRESSURE	PRICE
FP-200M0002.A	1/4" BSPP	0 – 2 bar	£14.76
FP-200M0206.A	1/4" BSPP	2 – 6 bar	£14.76
FP-200M0610.A	1/4" BSPP	6 – 10 bar	£14.76
FP-200M1018.A	1/4" BSPP	10 – 18 bar	£14.76
FP-221M0002A	3/8" BSPP	0 – 2 bar	£33.60
FP-221M0208A	3/8" BSPP	2 – 8 bar	£30.84
FP-221M0816A	3/8" BSPP	8 – 16 bar	£29.40
FP-222M0002A	1/2" BSPP	0 – 2 bar	£35.16
FP-222M0208A	1/2" BSPP	2 – 8 bar	£33.60
FP-222M0816A	1/2" BSPP	8 – 16 bar	£30.84
FP-223M0002A	3/4" BSPP	0 – 2 bar	£90.24
FP-223M0208A	3/4" BSPP	2 – 8 bar	£86.16
FP-223M0816A	3/4" BSPP	8 – 16 bar	£81.84
FP-224M0004A	1" BSPP	0 – 4 bar	£126.00
FP-224M0408A	1" BSPP	4 – 8 bar	£121.20
FP-224M0816A	1" BSPP	8 – 16 bar	£116.16



1925

### PRESSURE RELIEF VALVE SET PRESSURE PLASTIC HOOD, MANUAL EXHAUST RING

PART NUMBER	THREAD	SET PRESSURE	PRICE
FP-200C05.0A	1/4" BSPP	5.0 bar	£20.76
FP-200C05.5A	1/4" BSPP	5.5 bar	£20.76
FP-200C06.0A	1/4" BSPP	6.0 bar	£20.76
FP-200C06.5A	1/4" BSPP	6.5 bar	£20.76
FP-200C07.0A	1/4" BSPP	7.0 bar	£20.76
FP-200C07.5A	1/4" BSPP	7.5 bar	£20.76
FP-200C08.0A	1/4" BSPP	8.0 bar	£20.76
FP-200C08.5A	1/4" BSPP	8.5 bar	£20.76
FP-200C09.0A	1/4" BSPP	9.0 bar	£20.76
FP-200C09.5A	1/4" BSPP	9.5 bar	£20.76
FP-200C10.0A	1/4" BSPP	10.0 bar	£20.76
FP-200C11.0A	1/4" BSPP	11.0 bar	£20.76
FP-200C12.0A	1/4" BSPP	12.0 bar	£20.76

Other set pressures available upon request.





### FEATURES

- Soft valve washer for 'bubble tight' seal
- High performance
- Pressure range 1.8 bar to 20.1 bar
- Atmospheric discharge – Series 6000 & 6100
- Side outlet discharge – Series 6200, 6300 & 6500
- Valve washers to suit air and inert gases
- Brass construction with stainless steel springs
- Supplied with Test Certificates

### DESCRIPTION

These high lift safety relief valves are suitable for air and inert gas applications. The flow is de-rated and measures in accordance with BS6759 Part 2: 1984. The valve re-seats by a minimum of 10% of set pressure.

### SPECIFICATIONS

Max. set pressure	20.1 bar
Temperature range	-15°C to +180°C (+5°F to +356°F)

## ATMOSPHERIC DISCHARGE



### SERIES 6000

#### WITH PULL RING EASING GEAR

1920

PART NUMBER	CONNECTION	SET PRESSURE	PRICE
W60006-5.5	1/4" BSPT	5.5 bar	£32.84
W60006-9.0	1/4" BSPT	9.0 bar	£32.84
W60006-11.0	1/4" BSPT	11.0 bar	£32.84

## SIDE OUTLET DISCHARGE



### SERIES 6200

#### WITH LIFTING KNOB EASING GEAR

1920

PART NUMBER	CONNECTION	SET PRESSURE	PRICE
W62015-5.5	1/2" BSPT	5.5 bar	£90.64
W62015-9.0	1/2" BSPT	9.0 bar	£90.64
W62020-5.5	3/4" BSPT	5.5 bar	£93.36
W62025-5.5	1" BSPT	5.5 bar	£130.55



### SERIES 6100

#### WITH LIFTING KNOB EASING GEAR

1920

PART NUMBER	CONNECTION	SET PRESSURE	PRICE
W61006-5.5	1/4" BSPT	5.5 bar	£66.64
W61006-11.0	1/4" BSPT	11.0 bar	£66.64
W61010-11.0	3/8" BSPT	11.0 bar	£68.20
W61015-5.5	1/2" BSPT	5.5 bar	£69.53
W61015-9.0	1/2" BSPT	9.0 bar	£69.53
W61015-11.0	1/2" BSPT	11.0 bar	£69.53
W61020-11.0	3/4" BSPT	11.0 bar	£75.95
W61025-11.0	1" BSPT	11.0 bar	£103.23



### SERIES 6300

#### WITH PULL RING EASING GEAR

1920

PART NUMBER	CONNECTION	SET PRESSURE	PRICE
W63015-5.5	1/2" BSPT	5.5 bar	£97.79
W63020-5.5	3/4" BSPT	5.5 bar	£109.59
W63025-5.5	1" BSPT	5.5 bar	£166.63



### SERIES 6500

#### WITH SEALED TOP

1920

PART NUMBER	CONNECTION	SET PRESSURE	PRICE
W65015-5.5	1/2" BSPT	5.5 bar	£77.58
W65020-5.5	3/4" BSPT	5.5 bar	£90.27
W65025-5.5	1" BSPT	5.5 bar	£165.67

All Wade Safety Relief Valves are supplied with Test Certificates.

## FEATURES

Atmospheric discharge valves for compressed air or gas. These valves offer repeatable bubble-tight sealing performance. Designed for applications including: air/gas compressors and air receivers.

The valves are CE marked, TUV approved and designed in accordance with ISO 4126-1.

All Seetru safety valves are supplied with a PED declaration of test and conformity certificate.

Most common pressures shown below, others available upon request.

## SPECIFICATIONS

Body material	Brass
Seal material	Viton™ rubber
Temperature range	-15°C to +200°C
Spring	Stainless steel

Valves are supplied with rota-lift manual easing gear

## 81806 SERIES

6 MM BORE



2270

PART NUMBER	INLET SIZE	PRESSURE	PRICE
SET-818061223-6.0	1/4" BSPT	6.0 bar	£35.79
SET-818061223-6.5	1/4" BSPT	6.5 bar	£35.79
SET-818061223-7.0	1/4" BSPT	7.0 bar	£35.79
SET-818061223-7.5	1/4" BSPT	7.5 bar	£35.79
SET-818061223-8.0	1/4" BSPT	8.0 bar	£35.79
SET-818061223-8.5	1/4" BSPT	8.5 bar	£35.79
SET-818061223-9.0	1/4" BSPT	9.0 bar	£35.79
SET-818061223-9.5	1/4" BSPT	9.5 bar	£35.79
SET-818061223-10.0	1/4" BSPT	10.0 bar	£35.79
SET-818061223-10.5	1/4" BSPT	10.5 bar	£35.79
SET-818061223-11.0	1/4" BSPT	11.0 bar	£35.79
SET-818061223-11.5	1/4" BSPT	11.5 bar	£35.79
SET-818061223-12.0	1/4" BSPT	12.0 bar	£35.79
SET-818061223-12.5	1/4" BSPT	12.5 bar	£35.79
SET-818061223-13.0	1/4" BSPT	13.0 bar	£35.79
SET-818061223-13.5	1/4" BSPT	13.5 bar	£35.79
SET-818061223-14.0	1/4" BSPT	14.0 bar	£35.79
SET-818061223-14.5	1/4" BSPT	14.5 bar	£35.79
SET-818061223-15.0	1/4" BSPT	15.0 bar	£35.79

## 81888 SERIES

8 MM BORE



2270

PART NUMBER	INLET SIZE	PRESSURE	PRICE
SET-818881223-6.0	1/4" BSPT	6.0 bar	£51.33
SET-818881223-6.5	1/4" BSPT	6.5 bar	£51.33
SET-818881223-7.0	1/4" BSPT	7.0 bar	£51.33
SET-818881223-7.5	1/4" BSPT	7.5 bar	£51.33
SET-818881223-8.0	1/4" BSPT	8.0 bar	£51.33
SET-818881223-8.5	1/4" BSPT	8.5 bar	£51.33
SET-818881223-9.0	1/4" BSPT	9.0 bar	£51.33
SET-818881223-9.5	1/4" BSPT	9.5 bar	£51.33
SET-818881223-10.0	1/4" BSPT	10.0 bar	£51.33
SET-818881223-10.5	1/4" BSPT	10.5 bar	£51.33
SET-818881223-11.0	1/4" BSPT	11.0 bar	£51.33
SET-818881223-11.5	1/4" BSPT	11.5 bar	£51.33
SET-818881223-12.0	1/4" BSPT	12.0 bar	£51.33
SET-818881223-12.5	1/4" BSPT	12.5 bar	£51.33
SET-818881223-13.0	1/4" BSPT	13.0 bar	£51.33
SET-818881223-13.5	1/4" BSPT	13.5 bar	£51.33
SET-818881223-14.0	1/4" BSPT	14.0 bar	£51.33
SET-818881223-14.5	1/4" BSPT	14.5 bar	£51.33
SET-818881223-15.0	1/4" BSPT	15.0 bar	£51.33

## 81888 SERIES

8 MM BORE



2270

PART NUMBER	INLET SIZE	PRESSURE	PRICE
SET-818881283-6.0	1/2" BSPT	6.0 bar	£51.33
SET-818881283-6.5	1/2" BSPT	6.5 bar	£51.33
SET-818881283-7.0	1/2" BSPT	7.0 bar	£51.33
SET-818881283-7.5	1/2" BSPT	7.5 bar	£51.33
SET-818881283-8.0	1/2" BSPT	8.0 bar	£51.33
SET-818881283-8.5	1/2" BSPT	8.5 bar	£51.33
SET-818881283-9.0	1/2" BSPT	9.0 bar	£51.33
SET-818881283-9.5	1/2" BSPT	9.5 bar	£51.33
SET-818881283-10.0	1/2" BSPT	10.0 bar	£51.33
SET-818881283-10.5	1/2" BSPT	10.5 bar	£51.33
SET-818881283-11.0	1/2" BSPT	11.0 bar	£51.33
SET-818881283-11.5	1/2" BSPT	11.5 bar	£51.33
SET-818881283-12.0	1/2" BSPT	12.0 bar	£51.33
SET-818881283-12.5	1/2" BSPT	12.5 bar	£51.33
SET-818881283-13.0	1/2" BSPT	13.0 bar	£51.33
SET-818881283-13.5	1/2" BSPT	13.5 bar	£51.33
SET-818881283-14.0	1/2" BSPT	14.0 bar	£51.33
SET-818881283-14.5	1/2" BSPT	14.5 bar	£51.33
SET-818881283-15.0	1/2" BSPT	15.0 bar	£51.33