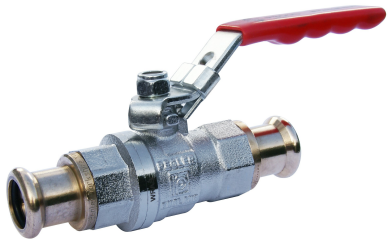
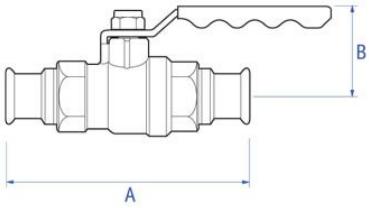
Pegler Valve

Brass chrome plated ball valve with lever, full bore. XPress ends for copper/carbon steel/stainless steel tube

PS500 Ball valve



PS500 Ball valve



General Information

Size	Pattern No.	Pack 1 Qty	Pack 2 Qty	Code	Barcode	Price (£) each ex VAT	Discontinued	Date Discontinued
15mm	PS500	1	10	242301	5022050565792	£28.24		
18mm	PS500	1	10	242302	5022050566898	Disc(Stock available)	Discontinued	17/09/2021
22mm	PS500	1	10	242303	5022050565815	£40.07		
28mm	PS500	1	5	242304	5022050565839	£58.93		
35mm	PS500	1	5	242305	5022050565846	£89.13		
42mm	PS500	1	2	242306	5022050565853	£124.21		
54mm	PS500	1	0	242307	5022050565860	£191.55		

Dimensions

Code	Description	A	B	
242301	DN15/15mm PS500	105	39	0.30
242303	DN20/22mm PS500	115	50	0.50
242304	DN25/28mm PS500	131	55	0.75
242305	DN32/35mm PS500	152	62	1.17
242306	DN40/42mm PS500	165	78	1.85
242307	DN50/54mm PS500	197	84	3.00

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Flow Rate

Size	Pattern No.	Code	Kv m3/h
15mm	PS500	242301	17.00
22mm	PS500	242303	41.00
28mm	PS500	242304	70.00
35mm	PS500	242305	121.00
42mm	PS500	242306	200.00
54mm	PS500	242307	292.00

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Pressure and Temperature

Description	Minimum Operating Pressure (bar)	Maximum Cold Working Pressure (bar)	Maximum Hot Working Pressure (bar)
PS500 Ball Valve	No minimum operating pressure.	16 bar up to 100oC	16 bar up to 100oC

Care and Maintenance

Care
No regular aesthetic care is required for this product

Maintenance
A regular maintenance program is the most efficient method of ensuring longer term operational efficiency of the selected valve. Such a program would need to include a risk assessment and a planned procedure of how the maintenance will be carried out. The possibility of operational limits being exceeded and the potential hazards ensuring must be considered as part of this assessment. This should be implemented to include visual checks on the valve's condition and any development of unforeseen conditions, which could lead to failure. The correct fitting tools and equipment should be used for valve maintenance work. Separate means of draining the pipe work must be provided when carrying out any maintenance to valves. Where there may be any system debris this could be collected and /or filtered by installation of the appropriate protective device.

For further help please contact your local engineer.

If your product is under warranty please contact the Service Support Team on: 0800 1560050

Regulations

Regulations
THE PRESSURE EQUIPMENT DIRECTIVE 97/23/EC and CE MARKING
The Pressure Equipment Regulations 1999 (SI 1999/2001) have now been introduced into United Kingdom law.

Valves with a maximum allowable pressure greater than 0.5 bar are covered by these new Regulations. Valves are categorised according to their maximum working pressure, size and rising level of hazard. The level of hazard varies according to the fluid being carried. Fluids are classified as Group 1, dangerous fluids or Group 2, all other fluids including steam. The Categories designated are SEP (sound engineering practice). Valves up to and including 25mm (1") are designated SEP regardless of the fluid group. Those identified as having increased hazard are Categorised as, I, II, III or IV. All valves designated as SEP do not bear the CE mark nor require a Declaration of Conformity. Categories I, II, III or IV carry the CE mark and require a Declaration of Conformity. Valves classified from the piping chart would not be included in Category IV.

Size	Pattern No.	Code	PED Categorisation
15mm	PS500	242301	SEP
22mm	PS500	242303	SEP
28mm	PS500	242304	SEP
35mm	PS500	242305	SEP
42mm	PS500	242306	SEP
54mm	PS500	242307	SEP

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Materials

Component	Material
Body	Forged brass, chrome plated (1/4" to 2") Gravity die cast brass, chrome plated (2.1/2" to 4")
End piece	Forged brass, chrome plated (1/4" to 2") Gravity die cast brass, chrome plated (2.1/2" to 4")
Ball	Brass bar, chrome plated (1/4" to 1/2") Forged brass, chrome plated (3/4" to 2") Gravity die cast brass, chrome plated (2.1/2" to 4")
Stem	Brass bar
Seats	PTFE (Teflon)
Thrust washer	PTFE (Teflon)
Stem 'O' ring	Viton
Lever handle	High temperature PVC insulated zinc plated steel
Nut (self locking)	Zinc plated steel
Tee handle	Aluminium, painted
Security screws	Nickel plated brass
End connection	Gunmetal body (15 to 54) (15 to 28)
End connection 'O' ring	EPDM (15 to 54 (15 to 28)
Sleeve	Brass (EL)
Ext Stem	Brass (EL)
Fixing screw	Steel (EL)
Washer	Brass (EL)

Technical Suitability

Steam Water Oil Air Gas Inert Gas Combustible† Gas Corrosive†† Gas Oxygen

Steam	Water	Oil	Air	Gas	Inert Gas	Combustible† Gas	Corrosive†† Gas	Oxygen
no	yes	no	no	no	no	no	no	

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Gas application guide

Class 1. INERT Air, argon, carbon dioxide, helium, nitrogen
Class 2. COMBUSTIBLE Hydrogen, methane, natural gas, town gas
Class 3. CORROSIVE Chlorine, sulphur dioxide Class 4. OXYGEN
Class 1. INERT Air, argon, carbon dioxide, helium, nitrogen
† Valves are suitable for British Gas Applications Family Gases 1, 2 and 3.
†† Suitable in applications where moisture is completely absent.