Pegler Valve

Brass chrome plated ball valve with extended stem, full bore. XPress union x XPress end for copper, carbon/stainless steel

PSU500EL Ball valve

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General Information

Size	Pattern No.	Pack 1 Qty	Pack 2 Qty	Code	Barcode	Price (£) each ex VAT
15mm	PSU500EL	1	10	243340	5022050567390	£43.93
22mm	PSU500EL	1	5	243342	5022050567406	£58.93
28mm	PSU500EL	1	5	243343	5022050567420	£90.04
35mm	PSU500EL	1	0	243344	5022050567437	£134.25
42mm	PSU500EL	1	0	243345	5022050567444	£162.09
54mm	PSU500EL	1	0	243346	5022050567451	£266.06

Dimensions

Code	Description	A	B	
243340	15mm PSU500EL	128	83	0.460
243342	22mm PSU500EL	147	97	0.740
243343	28mm PSU500EL	160	110	1.050
243344	35mm PSU500EL	178	108	1.500
243345	42mm PSU500EL	195	128	2.080
243346	54mm PSU500EL	233	146	3.340

Pegler Yorkshire reserve the right to change specifications

Flow Rate

Size	Pattern No.	Code	Kv m3/h
15mm	PSU500EL	243340	17.00
22mm	PSU500EL	243342	41.00
28mm	PSU500EL	243343	70.00
35mm	PSU500EL	243344	121.00
42mm	PSU500EL	243345	200.00
54mm	PSU500EL	243346	292.00

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Pressure and Temperature

Description	Minimum Operating Pressure (bar)	Maximum Cold Working Pressure (bar)	Maximum Hot Working Pressure (bar)
PSU500EL 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

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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.