

# Pegler Valve

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

PSU550EL Ball valve



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## General Information

Size	Pattern No.	Pack 1 Qty	Pack 2 Qty	Code	Barcode	Price (£) each ex VAT
15mm	PSU550EL 1	10	10	<a href="#">245320</a>	5022050567574	£43.93
18mm	PSU550EL 1	10	10	<a href="#">245321</a>	5022050567581	£55.53
22mm	PSU550EL 1	5	5	<a href="#">245322</a>	5022050567604	£67.12
28mm	PSU550EL 1	8	8	<a href="#">245323</a>	5022050567611	£98.23
35mm	PSU550EL 1	0	0	<a href="#">245324</a>	5022050567628	£139.16
42mm	PSU550EL 1	0	0	<a href="#">245325</a>	5022050567635	£171.92
54mm	PSU550EL 1	0	0	<a href="#">245326</a>	5022050568731	£258.67

## Dimensions

Code	Description	A	B
245320	15mm PSU550EL	128.83	0.460
245321	18mm PSU550EL	128.83	0.470
245322	22mm PSU550EL	147.97	0.740
245323	28mm PSU550EL	160.110	1.050
245324	35mm PSU550EL	178.108	1.500
245325	42mm PSU550EL	195.128	2.080
245326	54mm PSU550EL	233.146	3.340

Pegler Yorkshire reserve the right to change specifications

## Flow Rate

Size	Pattern No.	Code	Kv m3/h
15mm	PSU550EL	245320	17.00
18mm	PSU550EL	245321	17.00
22mm	PSU550EL	245322	41.00
28mm	PSU550EL	245323	70.00
35mm	PSU550EL	245324	121.00
42mm	PSU550EL	245325	200.00
54mm	PSU550EL	245326	292.00

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## Pressure and Temperature

Description	Minimum Operating Pressure (bar)	Maximum Cold Working Pressure (bar)	Maximum Hot Working Pressure (bar)
PSU550EL 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.