

# Pegler Valve

Full bore DZR lever ball valve. Extended stem. Blue lever handle, press ends, PN25

PS550EL Ball valve



PS550EL Ball valve

## General Information

Size	Pattern No.	Pack 1 Qty	Pack 2 Qty	Code	Barcode	Price (£) each ex VAT
15mm	PS550EL	1	10	<a href="#">245300</a>	5022050567413	£42.25
18mm	PS550EL	1	10	<a href="#">245301</a>	5022050567512	£47.92
22mm	PS550EL	1	5	<a href="#">245302</a>	5022050567550	£59.76
28mm	PS550EL	1	5	<a href="#">245303</a>	5022050567598	£80.79
35mm	PS550EL	1	2	<a href="#">245304</a>	5022050567666	£112.82
42mm	PS550EL	1	2	<a href="#">245305</a>	5022050567826	£153.95
54mm	PS550EL	1	2	<a href="#">245306</a>	5022050567864	£237.40

## Dimensions

Code	Description	A	B
245300	DN15/15mm PS550EL	105	83
245301	DN15/18mm PS550EL	105	83
245302	DN20/22mm PS550EL	115	97
245303	DN25/28mm PS550EL	131	101
245304	DN32/35mm PS550EL	152	108
245305	DN40/42mm PS550EL	165	128
245306	DN50/54mm PS550EL	197	146

Pegler Yorkshire reserve the right to change specifications

## Flow Rate

Size	Pattern No.	Code	Kv m3/h
15mm	PS550EL	245300	17.00
18mm	PS550EL	245301	17.00
22mm	PS550EL	245302	41.00
28mm	PS550EL	245303	70.00
35mm	PS550EL	245304	121.00
42mm	PS550EL	245305	200.00
54mm	PS550EL	245306	292.00

Pegler Yorkshire reserve the right to change specifications

## Pressure and Temperature

Description	Minimum Operating Pressure (bar)	Maximum Cold Working Pressure (bar)	Maximum Hot Working Pressure (bar)
PS550EL 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 PS550EL	245300	SEP
18mm PS550EL	245301	SEP
22mm PS550EL	245302	SEP
28mm PS550EL	245303	SEP
35mm PS550EL	245304	SEP
42mm PS550EL	245305	SEP
54mm PS550EL	245306	SEP

**Pegler Yorkshire reserve the right to change specifications**

## **Materials**

<b>Component</b>	<b>Material</b>
Body	DZR Brass
Ball	Brass, chrome plated
Seat/thrust washer	PTFE (Teflon)
Stem 'O' ring	Viton
Lever handle	High temperature PVC insulated
Nut (self locking)	Zinc plated steel
Tee	Aluminium, painted
Security screws	Nickel plated brass
Stem	DZR Brass
Sleeve	Brass (EL)
Ext Stem	Brass (EL)
Fixing screw	Steel (EL)
Washer	Brass (EL)

## **Technical Suitability**

<b>Steam</b>	<b>Water</b>	<b>Oil</b>	<b>Air</b>	<b>Gas</b>	<b>Inert Gas</b>	<b>Combustible†</b>	<b>Gas Corrosive††</b>	<b>Gas Oxygen</b>
no	yes	no	no	no	no	no	no	no

**Pegler Yorkshire reserve the right to change specifications**

## **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.

Pegler Yorkshire Group Ltd, St Catherine's Ave, Doncaster, S Yorkshire, DN4 8DF  
Telephone: Phone +44 (0) 844 243 4400 Fax: +44 (0) 844 243 9870 Website: [www.pegler-yorkshire.co.uk](http://www.pegler-yorkshire.co.uk)  
Registered office : Pegler Yorkshire Group Ltd, St Catherine's Ave, Doncaster, S Yorkshire, DN4 8DF Company no : 00401507