Pegler Valve

DZR ball valve with lever - full bore. Tectite push-fit ends for copper, carbon and stainless steel tube

PT550 Ball valve

General Information

Size	Pattern No.	Pack 1 Qty	Pack 2 Qty	Code	Barcode	Price (£) each ex VAT	Discontinued	Date Discontinued
15mm	PT550	1	10	245240	5022050561336	£32.46		
18mm	PT550	1	10	245241	5022050561442	£46.25		
22mm	PT550	1	10	245242	5022050561459	£49.12		
28mm	PT550	1	5	245243	5022050561497	£78.77		
35mm	PT550	1	5	245244	5022050561541	Disc(Out of Stock)	Discontinued	18/03/2021
42mm	PT550	1	0	245245	5022050561558	Disc(Stock available)	Discontinued	18/03/2021
54mm	PT550	1	0	245246	5022050561589	Disc(Stock available)	Discontinued	18/03/2021

Pressure and Temperature

Description	Minimum Operating Pressure (bar)	Maximum Cold Working Pressure (bar)	Maximum Hot Working Pressure (bar)
PT550 Ball valve	No minimum operating pressure.	15-28mm 20 bar up to 30oC 35-54mm 16 bar up to 30oC	15-28mm 10 bar up to 114oC 35-54mm 6 bar up to 90oC

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

Size	Pattern No.	Code	PED Categorisation
15mm	PT550	245240	SEP
18mm	PT550	245241	SEP
22mm	PT550	245242	SEP
28mm	PT550	245243	SEP

Pegler Yorkshire reserve the right to change specifications

Materials

Component	Material
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 handle	Aluminium, painted
Security screws	Nickel plated brass
Stem	DZR Brass
End connection	DZR Brass body (15 to 54) (15 to 28)
End connection 'O' ring	EPDM (15 to 54) (15 to 28)
Grab ring	Stainless steel SS316 (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
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.