

Pegler Valve

Full bore DZR lever ball valve. Blue lever handle, female ends, PN25

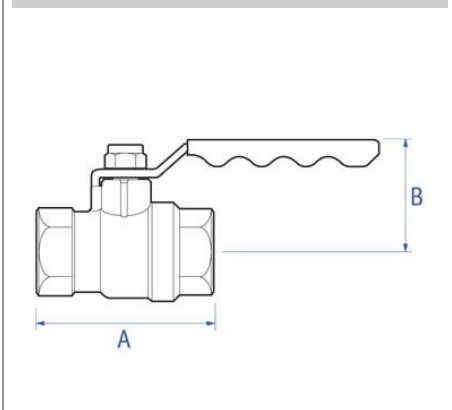
PB550 Ball valve



General Information

Size	Pattern No.	Pack 1 Qty	Pack 2 Qty	Code	Barcode	Price (£) each ex VAT
1/2"	PB550	10	0	245201	5022050220400	£15.80
3/4"	PB550	10	0	245202	5022050221124	£27.83
1"	PB550	5	0	245203	5022050222114	£42.57
1.1/4"	PB550	2	0	245204	5022050222398	£67.95
1.1/2"	PB550	2	0	245205	5022050222602	£93.32
2"	PB550	2	0	245206	5022050222688	£155.89
1/2"	PB550 PT	10	80	245150	5022050398505	£17.03
3/4"	PB550 PT	10	40	245151	5022050398529	£30.84
1"	PB550 PT	5	30	245152	5022050398543	£45.86
1.1/4"	PB550 PT	2	10	245153	5022050398567	£73.71
1.1/2"	PB550 PT	2	10	245154	5022050398581	£106.10
2"	PB550 PT	2	8	245155	5022050398604	£167.42

PB550 Ball valve



Dimensions

Code	Description	A	B
245201	1/2" PB550	59	39 0.23
245202	3/4" PB550	68	51 0.41
245203	1" PB550	80	56 0.61
245204	1.1/4" PB550	95	63 0.94
245205	1.1/2" PB550	100	78 1.33
245206	2" PB550	124	88 2.21
245150	1/2" PB550 PT	59	39 0.23
245151	3/4" PB550 PT	68	51 0.41
245152	1" PB550 PT	80	56 0.61
245153	1.1/4" PB550 PT	95	63 0.94
245154	1.1/2" PB550 PT	100	78 1.33
245155	2" PB550 PT	124	88 2.21

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Flow Rate

Size	Pattern No.	Code	Kv m3/h
1/2"	PB550	245201	17.00
3/4"	PB550	245202	41.00
1"	PB550	245203	70.00
1.1/4"	PB550	245204	121.00
1.1/2"	PB550	245205	200.00
2"	PB550	245206	292.00
1/2"	PB550 PT	245150	
3/4"	PB550 PT	245151	
1"	PB550 PT	245152	
1.1/4"	PB550 PT	245153	
1.1/2"	PB550 PT	245154	
2"	PB550 PT	245155	

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Pressure and Temperature

Description	Minimum Operating Pressure (bar)	Maximum Cold Working Pressure (bar)	Maximum Hot Working Pressure (bar)
PB550 Ball valve	No Minimum Operating Pressure	No Maximum Cold Working Pressure	No Maximum Hot Working Pressure

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

1/2"	PB550	245201	SEP
3/4"	PB550	245202	SEP
1"	PB550	245203	SEP
1.1/4"	PB550	245204	SEP
1.1/2"	PB550	245205	SEP
2"	PB550	245206	SEP
1/2"	PB550 PT	245150	-
3/4"	PB550 PT	245151	-
1"	PB550 PT	245152	-
1.1/4"	PB550 PT	245153	-
1.1/2"	PB550 PT	245154	-
2"	PB550 PT	245155	-

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Materials

Component	Material
Body	DZR brass
Ball	Brass, chrome plated
Stem	DZR brass
Stem 'O' ring	Viton

Component	Material
Seat rings	PTFE (Teflon)
Lever handle	Steel
Lever nut (self locking)	Zinc plated steel
Tee handle security screw	Nickel plated brass
Lockshield	Brass
Lockshield security screw	Brass
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
yes	yes	yes	yes	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.