

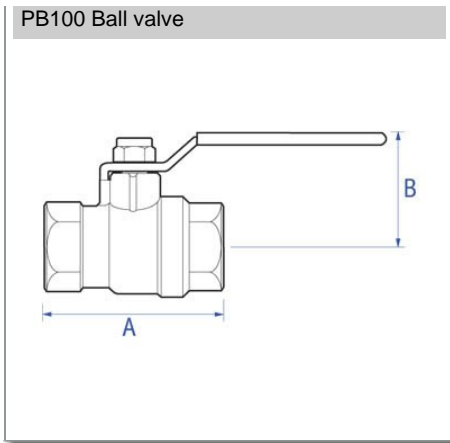
# Pegler Valve

Chromium plated brass full bore ball valve (red lever handle) PN25 to 2", PN16 2.1/2", 3" and 4"



## General Information

Size	Pattern No.	Pack 1 Qty	Pack 2 Qty	Code	Barcode	Price (£) each ex VAT	Discontinued	Date Discontinued
1/2"	PB100	10	0	<a href="#">270001</a>	5013866038877	£17.88		
3/4"	PB100	10	0	<a href="#">270002</a>	5013866038884	£24.65		
1"	PB100	5	0	<a href="#">270003</a>	5013866038891	£34.31		
1.1/4"	PB100	5	0	<a href="#">270004</a>	5013866038907	£56.74		
1.1/2"	PB100	2	0	<a href="#">270005</a>	5013866038914	£79.75		
2"	PB100	2	0	<a href="#">270006</a>	5013866038921	£119.79		
2.1/2"	PB100 (PN16)	1	0	<a href="#">270007</a>	5022050553508	Disc(Stock available)	Discontinued	17/09/2021
3"	PB100 (PN16)	1	0	<a href="#">270008</a>	5022050553515	Disc(Out of Stock)	Discontinued	17/09/2021
4"	PB100 (PN16)	1	0	<a href="#">270009</a>	5022050553522	Disc(Stock available)	Discontinued	17/09/2021
1/2"	PB100 PT	10	0	<a href="#">270021</a>	5013866038938	£17.88		
3/4"	PB100 PT	10	0	<a href="#">270022</a>	5013866038945	£24.65		
1"	PB100 PT	5	0	<a href="#">270023</a>	5013866038952	£34.31		
1.1/4"	PB100 PT	5	0	<a href="#">270024</a>	5013866038969	£56.74		
1.1/2"	PB100 PT	2	0	<a href="#">270025</a>	5013866038976	£79.75		
2"	PB100 PT	2	0	<a href="#">270026</a>	5013866038983	£119.79		
2.1/2"	PB100 PT	1	0	<a href="#">270027</a>	5022050576071	£278.65		
3"	PB100 PT	1	0	<a href="#">270028</a>	5022050576088	£429.45		
4"	PB100 PT	1	0	<a href="#">270029</a>	5022050576101	£724.06		
1/2"	PB100 AT	10	0	<a href="#">270041</a>	5022050235145	£17.88		
3/4"	PB100 AT	10	0	<a href="#">270042</a>	5022050235183	£24.65		
1"	PB100 AT	5	0	<a href="#">270043</a>	5022050235220	£34.31		
1.1/4"	PB100 AT	5	0	<a href="#">270044</a>	5022050235268	£56.74		
1.1/2"	PB100 AT	2	0	<a href="#">270045</a>	5022050235305	£79.75		
2"	PB100 AT	2	0	<a href="#">270046</a>	5022050235343	£119.79		
2.1/2"	PB100 AT (PN16)	1	0	<a href="#">270047</a>	5022050566867	£278.65		
3"	PB100 AT (PN16)	1	0	<a href="#">270048</a>	5022050566874	£429.45		
4"	PB100 AT (PN16)	1	0	<a href="#">270049</a>	5022050566881	£724.06		



## Dimensions

Code	Description	A	B
270001	1/2" PB100 BRASS BALL VALVE FXF	50	46 0.18
270002	3/4" PB100 BRASS BALL VALVE FXF	58	50 0.25
270003	1" PB100 BRASS BALL VALVE FXF	69	52 0.38
270004	1.1/4" PB100 BRASS BALL VALVE FXF	81	70 0.628
270005	1.1/2" PB100 BRASS BALL VALVE FXF	89	76 0.84
270006	2" PB100 BRASS BALL VALVE FXF	110	83 1.45
270021	1/2" PB100PT BRASS BALL VALVE FXF	50	46 0.18
270022	3/4" PB100PT BRASS BALL VALVE FXF	58	50 0.25
270023	1" PB100PT BRASS BALL VALVE FXF	69	52 0.38
270024	1.1/4" PB100PT BRASS BALL VALVE FXF	81	70 0.628
270025	1.1/2" PB100PT BRASS BALL VALVE FXF	89	76 0.84
270026	2" PB100PT BRASS BALL VALVE FXF	110	83 1.45
270027	2.1/2" PB100 PT		136 109 3.00
270028	3" PB100 PT		163 119 4.50
270029	4" PB100 PT		192 155 7.50
270041	1/2" PB100AT BRASS BALL VALVE FXF	50	46 0.18
270042	3/4" PB100AT BRASS BALL VALVE FXF	58	50 0.25
270043	1" PB100AT BRASS BALL VALVE FXF	69	52 0.38
270044	1.1/4" PB100AT BRASS BALL VALVE FXF	81	70 0.62
270045	1.1/2" PB100AT BRASS BALL VALVE FXF	89	76 0.84
270046	2" PB100AT BRASS BALL VALVE FXF	110	83 1.45
270047	2.1/2" PB100 AT (PN16)		136 109 3.00
270048	3" PB100 AT (PN16)		163 119 4.50
270049	4" PB100 AT (PN16)		192 155 7.50

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## Flow Rate

Size	Pattern No.	Code	Kv m3/h	Cv - US GPM
1/2"	PB100	270001	17.00	-
3/4"	PB100	270002	41.00	-
1"	PB100	270003	70.00	-
1.1/4"	PB100	270004	121.00	-
1.1/2"	PB100	270005	200.00	-
2"	PB100	270006	292.00	-
1/2"	PB100 PT	270021	17.00	-
3/4"	PB100 PT	270022	41.00	-
1"	PB100 PT	270023	70.00	-
1.1/4"	PB100 PT	270024	121.00	-
1.1/2"	PB100 PT	270025	200.00	-
2"	PB100 PT	270026	292.00	-
2.1/2"	PB100 PT	270027		
3"	PB100 PT	270028		
4"	PB100 PT	270029		
1/2"	PB100 AT	270041	17.00	19.90
3/4"	PB100 AT	270042	41.00	48.00
1"	PB100 AT	270043	70.00	81.90
1.1/4"	PB100 AT	270044	121.00	141.60
1.1/2"	PB100 AT	270045	200.00	234.00
2"	PB100 AT	270046	292.00	341.60
2.1/2"	PB100 AT (PN16)	270047	535.00	626.00
3"	PB100 AT (PN16)	270048	850.00	994.50
4"	PB100 AT (PN16)	270049	1360.00	1591.20

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## Pressure and Temperature

Description	Minimum Operating Pressure (bar)	Maximum Cold Working Pressure (bar)	Maximum Hot Working Pressure (bar)
PB100 Ball valve	No Minimum Operating Pressure	25.0 bar at temperatures up to 20oC	4 bar at temperatures up to 120oC

## 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"	PB100	270001	SEP
3/4"	PB100	270002	SEP
1"	PB100	270003	SEP
1.1/4"	PB100	270004	SEP
1.1/2"	PB100	270005	SEP
2"	PB100	270006	SEP
1/2"	PB100 PT	270021	-
3/4"	PB100 PT	270022	-
1"	PB100 PT	270023	-
1.1/4"	PB100 PT	270024	-
1.1/2"	PB100 PT	270025	-
2"	PB100 PT	270026	-
2.1/2"	PB100 PT	270027	-
3"	PB100 PT	270028	-
4"	PB100 PT	270029	-
1/2"	PB100 AT	270041	-
3/4"	PB100 AT	270042	-
1"	PB100 AT	270043	-
1.1/4"	PB100 AT	270044	-
1.1/2"	PB100 AT	270045	-
2"	PB100 AT	270046	-
2.1/2"	PB100 AT (PN16)	270047	-
3"	PB100 AT (PN16)	270048	-
4"	PB100 AT (PN16)	270049	-

## Materials

Component	Material
Body	Brass
End Piece	Brass
Ball	Chrome Plated Brass
Stem	Brass
Seats	PTFE
Gland	PTFE
Gland Nut	Brass
Lever	Dip-Coated on CP Steel
Handle Nut	Steel
Lever handle	Dip-coated on CP steel

## Technical Suitability

Steam	Water	Oil	Air	Gas	Inert Gas	Combustible†	Gas Corrosive††	Gas Oxygen
no	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.