



# Pegler Yorkshire PB100 Chromium Plated Brass Full Bore Ball Valve



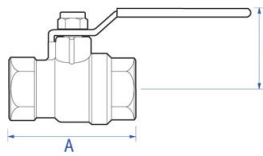
Chromium plated brass full bore ball valve (Red Lever Handle) PN25 to 2", PN16 2 1/2", 3" and 4"

## GENERAL INFORMATION

Pattern No. key :Standard Thread = BS21 Taper, AT = American Thread, PT = Parallel Thread

Size	Pattern No.	Pack 1 Qty	Code	Barcode
1/2	PB100	10	270001	5013866038877
3/4	PB100	10	270002	5013866038884
1	PB100	5	270003	5013866038891
1 1/4	PB100	5	270004	5013866038907
1 1/2	PB100	2	270005	5013866038914
2	PB100	2	270006	5013866038921
2 1/2	PB100 (PN16)	1	270007	5013866078743
3	PB100 (PN16)	1	270008	5013866078750
4	PB100 (PN16)	1	270009	5013866078767
1/2	PB100 PT	10	270021	5013866038938
3/4	PB100 PT	10	270022	5013866038945
1	PB100 PT	5	270023	5013866038952
1 1/4	PB100 PT	5	270024	5013866038969
1 1/2	PB100 PT	2	270025	5013866038976
2	PB100 PT	2	270026	5013866038983
1/2	PB100 AT	10	270041	5022050235145
3/4	PB100 AT	10	270042	5022050235183
1	PB100 AT	5	270043	5022050235220
1 1/4	PB100 AT	5	270044	5022050235268
1 1/2	PB100 AT	2	270045	5022050235305
2	PB100 AT	2	270046	5022050235343
2 1/2	PB100 AT (PN16)	1	270047	5022050234056
3	PB100 AT (PN16)	1	270048	5022050234131
4	PB100 AT (PN16)	1	270049	5022050234179

## DIMENSIONS (mm)



Code	Description	A	B	Kg
270001	1/2 PB100 BRASS BALL VALVE FXF	52	50	0.201
270002	3/4 PB100 BRASS BALL VALVE FXF	60	57	0.282
270003	1 PB100 BRASS BALL VALVE FXF	71	60	0.441
270004	1.1/4 PB100 BRASS BALL VALVE FXF	81	70	0.628
270005	1.1/2 PB100 BRASS BALL VALVE FXF	89	72	0.820
270006	2 PB100 BRASS BALL VALVE FXF	111	83	1.35
270007	2.1/2 PB100 (PN16)	136	109	3.00
270008	3" PB100 (PN16)	163	119	4.50
270009	4 PB100 (PN16)	192	155	7.50
270021	1/2 PB100PT BRASS BALL VALVE FXF	52	50	0.201
270022	3/4 PB100PT BRASS BALL VALVE FXF	60	57	0.282
270023	1 PB100PT BRASS BALL VALVE FXF	71	60	0.441
270024	1.1/4 PB100PT BRASS BALL VALVE FXF	81	70	0.628
270025	1.1/2 PB100PT BRASS BALL VALVE FXF	89	72	0.82
270026	2 PB100PT BRASS BALL VALVE FXF	111	83	1.35
270041	1/2 PB100AT BRASS BALL VALVE FXF	52	50	0.201
270042	3/4 PB100AT BRASS BALL VALVE FXF	60	57	0.282
270043	1 PB100AT BRASS BALL VALVE FXF	71	60	0.441
270044	1.1/4 PB100AT BRASS BALL VALVE FXF	81	70	0.628
270045	1.1/2 PB100AT BRASS BALL VALVE FXF	89	72	0.82
270046	2 PB100AT BRASS BALL VALVE FXF	111	83	1.35
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

## PRESSURE & TEMPERATURE

PB100 Chromium Plated Brass Full Bore Ball Valve	Minimum Operating Pressure (bar)	Maximum Cold Working Pressure (bar)	Maximum Hot Working Pressure (bar)
3/4 PB100 BRASS BALL VALVE FXF	No Minimum Operating Pressure	25.0 bar at temperatures up to 20oC	4 bar at temperatures up to 120oC

## MATERIAL SPECIFICATIONS

Number	Component	Material
1	Body	Brass
2	End Piece	Brass
3	Ball	Chrome Plated Brass
4	Stem	Brass
5	Seats	PTFE
6	Friction Washer	PTFE
7	O Rings	Nitrile Rubber
8	Lever	Dip-Coated on CP Steel
9	Handle Nut	Steel

## CARE & 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.

## GUARANTEE

### Valves and Fittings

#### Pegler Yorkshire Customcare 5 Year Guarantee - Terms and Conditions

Products are subject to a 5 year guarantee that is between Pegler Yorkshire and the final purchaser of the product.

The guarantee is subject to proof of purchase being supplied.

This guarantee does not affect any statutory rights the consumer may have in law.

The guarantee covers manufacturing or material defects and does not cover parts subject to normal wear and tear.

This product range has been designed for the use of homeowners, domestic and commercial applications and therefore the guarantee is subject to the product being properly selected for their intended service conditions.

The guarantee is not applicable where the product is fitted contrary to the conditions in the fitting instructions.

This is reinforced where valves are covered by the European Pressure Equipment Directive (PED97/23/EC) where Installation, Operating and Maintenance Instructions are supplied with each product and/or carton.

Provided it is installed correctly and receives adequate preventative maintenance it should give years of trouble – free service.

Abusive behaviour and accidental damage to the product are not covered by this guarantee.

The extent of this liability is limited to the cost of the replacement of the defective item and not to fitting or consequential damages.