

## VSH XPress

Brass chrome plated ball valve with lever, full bore. XPress press end x Tectite push end for copper/carbon steel/stainless steel tube

XT500 Ball valve



### General Information

Size	Pattern No.	Pack 1 Qty	Pack 2 Qty	Code	Barcode	Price (£) each ex VAT	Discontinued	Date Discontinued
15mm XT500		1	10	<a href="#">243320</a>	5022050566553	Disc(Out of Stock)	Discontinued	18/03/2021
22mm XT500		1	10	<a href="#">243322</a>	5022050566584	Disc(Stock available)	Discontinued	18/03/2021
28mm XT500		1	5	<a href="#">243323</a>	5022050566591	Disc(Out of Stock)	Discontinued	18/03/2021
35mm XT500		1	5	<a href="#">243324</a>	5022050566546	Disc(Stock available)	Discontinued	17/09/2021
42mm XT500		1	2	<a href="#">243325</a>	5022050566737	Disc(Stock available)	Discontinued	17/09/2021
54mm XT500		1	0	<a href="#">243326</a>	5022050566744	Disc(Out of Stock)	Discontinued	17/09/2021

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### Dimensions

#### Code Description A B

Pegler Yorkshire reserve the right to change specifications

### Flow Rate

#### Size Pattern No. Code Kv m3/h

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### Pressure and Temperature

Description	Minimum Operating Pressure (bar)	Maximum Cold Working Pressure (bar)	Maximum Hot Working Pressure (bar)
XT500 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.

## 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

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## Materials

Component	Material
Body	Forged brass, chrome plated (1/4" to 2") Gravity die cast brass, chrome plated (2.1/2" to 4")
End piece	Forged brass, chrome plated (1/4" to 2") Gravity die cast brass, chrome plated (2.1/2" to 4")
Ball	Brass bar, chrome plated (1/4" to 1/2") Forged brass, chrome plated (3/4" to 2") Gravity die cast brass, chrome plated (2.1/2" to 4")
Stem	Brass bar
Seats	PTFE (Teflon)
Thrust washer	PTFE (Teflon)
Stem 'O' ring	Viton
Lever handle	High temperature PVC insulated zinc plated steel
Nut (self locking)	Zinc plated steel
Tee handle	Aluminium, painted
Security screws	Nickel plated 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
no	yes	no	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.