PB500T Ball valve (2 x female thread)

steam | water | heating | oil | compressed air

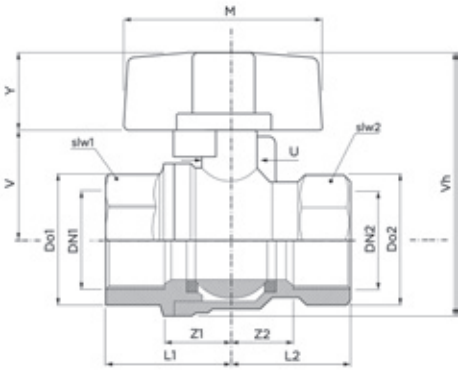


specification

- all sizes rated PN25
- full bore
- quarter turn operation
- blow-out and vandal-proof assembly
- red T handle
- forged brass body
- ¼" to 1" sizes
- PTFE ball seals
- FPM "O" ring stem seal
- ISO 228G parallel thread formally BS2779

DN	Connection	ISO 228 (PT) Code	Weight (kg)	Cv	Kv
DN8	¼"	243021	0.15	6.9	5.9
DN10	⅜"	243022	0.15	11.0	9.4
DN15	½"	243023	0.22	19.9	17.0
DN20	¾"	243024	0.38	48.0	41.0
DN25	1"	243025	0.58	81.9	70.0

*Cv - flow rate in US GPM at a pressure drop of 1 psi.
*Kv - flow rate in m3 per hour at a pressure drop of 1 bar.



Dimensions (mm)

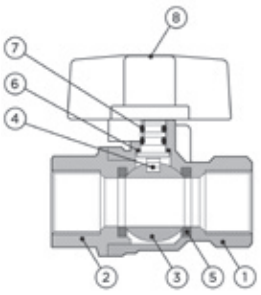
	Do1/Do2	DN1/DN2	L1/L2	M	slw1/slw2	U	V	Vh	Y	Z1/Z2
DN8	26.0	¼"	24.0	50.0	23.0	9.0	16.0	52.0	18.0	14.0
DN10	29.0	⅜"	24.0	50.0	25.0	9.0	16.0	53.0	18.0	15.0
DN15	35.0	½"	30.0	50.0	31.0	10.0	20.0	60.0	18.0	18.0
DN20	42.0	¾"	34.0	50.0	37.0	11.0	31.0	75.0	18.0	20.0
DN25	49.0	1"	40.0	50.0	43.0	11.0	35.0	83.0	18.0	24.0

Material specification

Nr	Component	Material
1	Body, chrome plated	Forged brass,
2	Body cap, chrome plated	Forged brass
3	Ball, chrome plated	Forged brass (¾" to 1"), brass bar (¼" to ½")
4	Stem	Brass bar
5	Seats	PTFE
6	Thrust washer	PTFE
7	Stem "O" ring	FPM
8	T handle	Aluminium

Maximum pressure conditions

Size	Max Pressure (bar)	Min/Max Temperature (°C)	Test Pressure Shell (bar)	Test Pressure Seat (bar)	Max Pressure (psi)	Min/Max Temperature (°F)	Test Pressure Shell (psi)	Test Pressure Seat (psi)
DN8 to DN25	25.0	- 10°C + 150°C	37.5	27.5	362.6	14°F + 302°F	543.9	398.9



Pressure equipment directive category

All sizes classified SEP

Pressure & temperature ratings

