PB550 Ball valve (2 x female thread)

steam | water | heating | cooling | oil | compressed air

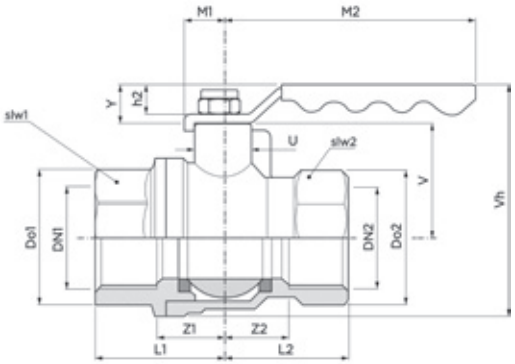


specification

- all sizes rated PN25
- full bore
- quarter turn operation
- blow-out and vandal-proof assembly
- blue lever handle
- ½" to 2" sizes
- PTFE ball seals
- DZR body
- FPM "O" ring stem seal
- ISO7-1 RC taper thread formally BS21/ BSEN 10226
- ISO 228G parallel thread formally BS2779

DN	Connection	ISO7-1 Rc (taper) Code	ISO 288G (PT) Code	Weight (kg)	Cv	Kv
DN15	½"	245201	245150	0.23	19.9	17.0
DN20	¾"	245202	245151	0.41	48.0	41.0
DN25	1"	245203	245152	0.61	81.9	70.0
DN32	1 ¼"	245204	245153	0.94	141.6	121.0
DN40	1 ½"	245205	245154	1.33	234.0	200.0
DN50	2"	245206	245155	2.21	341.6	292.0

*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)

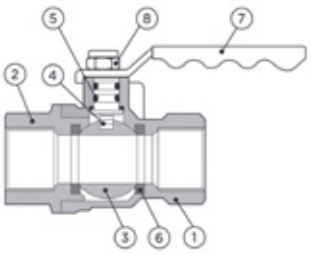
	Do1/Do2	DN1/DN2	h2	L1/L2	M1	slw1/slw2	U	V	Vh	Y	Z1/Z2
DN15	35.0	DN15	18.0	30.0	10.0	31.0	10.0	20.0	61.0	21.0	18.0
DN20	42.0	DN20	18.0	34.0	10.0	36.0	11.0	31.0	76.0	21.0	20.0
DN25	49.0	DN25	19.0	40.0	10.0	42.0	11.0	35.0	85.0	22.0	24.0
DN32	58.0	DN32	19.0	48.0	11.0	50.0	12.0	42.0	97.0	22.0	29.0
DN40	69.0	DN40	20.0	50.0	11.0	60.0	13.0	57.0	119.0	23.0	30.0
DN50	83.0	DN50	20.0	62.0	12.0	71.0	15.0	67.0	137.0	23.0	37.0

Material specification

Nr	Component	Material
1	Body	DZR brass
2	Body cap	DZR brass
3	Ball, chrome plated	Brass
4	Stem	DZR brass
5	Stem "O" ring	FPM
6	Seats	PTFE
7	Lever handle	PVC insulated steel
8	Nut (self locking)	Zinc plated steel

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)
½" to 2"	25.0	- 10°C + 150°C	37.5	27.5	293.3	14°F + 302°F	543.9	398.9



Pressure equipment directive category

Compressed air applications ½" - 1" SEP
1 ¼" - 2" CAT1
All other applications ½" - 2" SEP

Pressure & temperature ratings

