

PB100 HYG Brass full bore ball valve

Red lever handle. PN25 to 2", PN16 2 1/2", female ends



SIZES

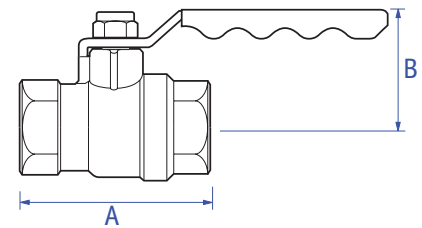
Taper / Parallel (PT)

Range	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"
ISO7-1Rc (Taper)	270011	270012	270013	270014	270015	270016	270017



DIMENSIONS (mm)

Range	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"
A	50	58	69	81	89	110	136
B	46	50	52	70	76	83	109
Weight kg	0.18	0.25	0.38	0.628	0.84	1.45	3.0



VALVE SUITABILITY

Steam	Water	Oil	Air	Gas Inert	Gas Combustible	Gas Corrosive	Gas Oxygen
✗	✓	✓	✓	✗	✗	✗	✗

Air maximum - 10 bar

MATERIAL SPECIFICATION

Component	Material
Body	Brass - CW617N, Chrome plated (1/2" to 2") Forged brass, Chrome plated (2 1/2")
Body cap	Brass - CW617N, Chrome plated (1/2" to 2") Forged brass, Chrome plated (2 1/2")
Ball	304 Stainless Steel
Stem	Brass, Chrome plated
Gland nut	Brass, Chrome plated
Gland packing	PTFE
Seats	PTFE
Lever handle	Dip Coated on Chrome plated steel
Handle nut	Steel
Friction washer	PTFE
O-ring stem seal	Nitrile

PRESSURE EQUIPMENT DIRECTIVE CATEGORY

Sizes

DN15	DN20	DN15	DN32	DN40	DN50	DN65
1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"
SEP	SEP	SEP	SEP	SEP	SEP	SEP

MAXIMUM PRESSURE CONDITIONS

Size	Maximum Pressure Conditions (bar)		Test Pressures (bar)	
	(Cold working) Temperatures up to 20°C	(Hot working) Temperatures up to 120°C	Shell	Seat
1/2" to 2"	25	4	37.5	27.5
2 1/2"	16	4	24	17.5
Size	Maximum Pressure Conditions (psi)		Test Pressures (psi)	
	Temperatures up to 68°F	Temperatures up to 248°F	Shell	Seat
1/2" to 2"	362.6	58	543.9	398.9
2 1/2"	232.1	58	348.1	253.8

Temperature range - 10°C + 120°C (non shock)

PRESSURE & TEMPERATURE RATINGS

