

BALL VALVES

Applications

Ball valves are used in a wide variety of air conditioning and refrigeration applications. They can be used for both liquid and gas applications. This type of valve is commonly used for isolating purposes. All ball valves are suitable for HCFC and HFC refrigerants, along with their associated oils.

Main Features

Construction features

- Bi-directional flow
- Indicator on stem shows valve position - open or closed
- Fully opened or closed with quarter turn of stem
- Positive stem stop ensures precise positioning in the open or closed position
- Blow-out proof stem
- Ball cavity vented to prevent over-pressure
- Vented seal cap
- Schrader valve option
- Mounting pad

Sealing integrity features

- Premium quality PTFE ball seals
- Double O-ring stem seal design
- Premium quality neoprene stem O-ring seals
- Neoprene seal cap – acts as a secondary seal

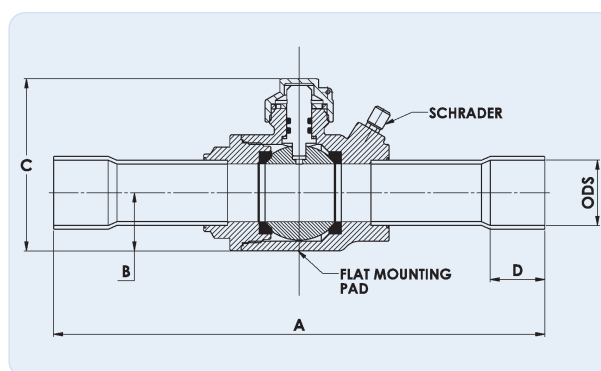
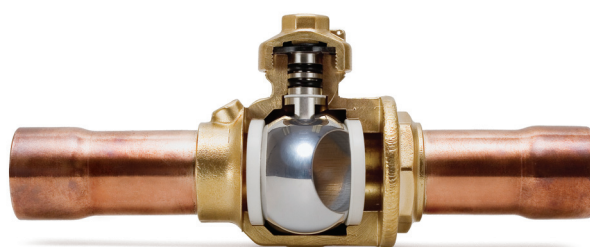
Technical Specification

Allowable operating temperature = -40°C to +120°C

Allowable operating pressure = 0 to 40 barg

Materials of Construction

The components; valve body, valve body adaptor, ball and seal cap are made from brass. The stem is made from plated steel. The pipe extensions are made from copper. The ball seals are made from virgin PTFE, stem O-rings and cap seal from neoprene.



907 SERIES BALL VALVE

Installation – Main Issues

The valve body must be protected against excessive heat during installation, to prevent damage to the seals. Full instructions are given in the Product Instruction Sheet, included with each valve.

Part No		ODS (inch)	ODS (mm)	Dimensions (mm)					Port size (mm)	Weight (kg)	MWP (Barg)	CE Cat
Standard	Schrader Valve			A	B	C	D	Mounting pad hole thread details - 2 off				
907202	937202	1/4		165	16	55	8	8-36 UNF-2B X 20 mm pitch	12.70	0.34	40	SEP
907203	937203	3/8		165	16	55	8	8-36 UNF-2B X 20 mm pitch	12.70	0.34	40	SEP
907204	937204	1/2		165	16	55	10	8-36 UNF-2B X 20 mm pitch	12.70	0.35	40	SEP
907205	937205	5/8	16	165	16	55	13	8-36 UNF-2B X 20 mm pitch	12.70	0.35	40	SEP
907306	937306	3/4		184	21	67	19	8-36 UNF-2B X 32 mm pitch	19.05	0.65	40	SEP
907307	937307	7/8	22	184	21	67	20	8-36 UNF-2B X 32 mm pitch	19.05	0.66	40	SEP
907409	937409	1 1/8		216	25.5	76	24	10 -32 UNF-2B X 40 mm pitch	25.40	0.97	40	SEP
907511	937511	1 3/8	35	235	31	94	25	10 -32 UNF-2B X 48 mm pitch	31.75	1.58	40	Cat I
907613	937613	1 5/8		254	39	109	28	1/4" -28 UNF-2B X 60 mm pitch	38.10	2.52	40	Cat I
907617	937617	2 1/8	54	290	47.5	133.5	35	1/4" -28 UNF-2B X 75 mm pitch	50.80	4.60	40	Cat I
907721	937721	2 5/8		327	47.5	133.5	38	1/4" -28 UNF-2B X 75 mm pitch	50.80	5.15	40	Cat I
907725	937725	3 1/8		365	60	154	43	1/4" -28 UNF-2B X 75 mm pitch	63.50	8.79	40	Cat I