SVR SOLUTION ENGINEERING

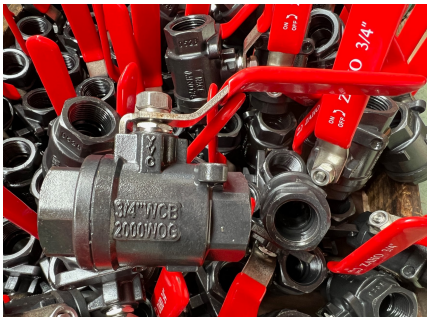
ZAHO Steam Ball Valve

MODEL: SBV-2, UP TO 17BARG @ 207°C

ZAHO

2-Piece Body Carbon Steel Steam Ball Valve – 2000PSI

Model	SBV-2
Size	1/4" – 2”
Connection	Screwed BSP / NPT
Port	Full bore version
Material	Carbon steel WCB Body, SS304 Ball
Seal material *(Designed for steam application)*	PPL Seat, Body seal ring and Gasket *PPL (Polyparaphenylene) is an excellent seat material with low coefficient of friction, highly resistant to pressure and temperature and is suitable for steam trap set application*
Pressure rating	Designed for max. cold hydraulic test pressure of 2000 psi (138 bar)
Max. Allowable temperature	250°C @ 0 barg
Max. Operating pressure *(saturated steam)*	17 barg @ 207.17°C



APPLICATION

ZAHO SBV-2 Ball Valve is suitable for most industrial fluids such as compressed air, water and steam applications that is compatible to the body and seat/seal material. It is recommended to use at steam trap set as isolation purposes.

TECHNICAL DETAILS

- Carbon steel WCB body material
- Resistant to corrosion
- Silica Sol Precision casting process
- Use Fully digital automatic control processing
- Use Ultrasonic degreasing and cleaning
- Inspection and test: according to API 598
- Design standard to BS5352

INSTALLATION AND SAFETY

During installation, please make sure the pipe is correctly aligned and all are on the same axis to prevent any leakages occurred. As for use on steam services, please open the valve slowly to prevent the risk of waterhammer damage. Before dismantling work, kindly ensure that there is no flow is taking place in the pipeline and should be drained off for safety purposes.

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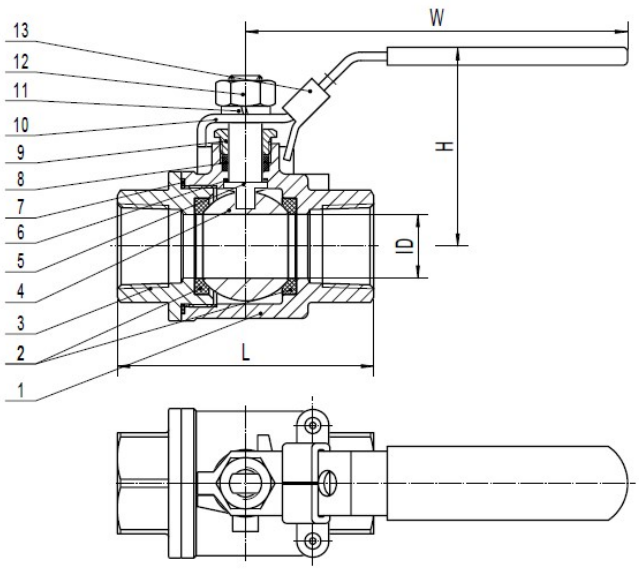
Materials		
1	Valve Body	Carbon Steel WCB
2	Seat	PPL (Polyparaphenylene)
3	Bonnet	Carbon Steel WCB
4	Ball	Stainless Steel SS304
5	Stem	Stainless Steel SS304
6	Gasket	PPL (Polyparaphenylene)
7	Seal Ring	PPL (Polyparaphenylene)
8	Packing	PPL (Polyparaphenylene)
9	Packing Gland	Stainless Steel SS304
10	Handle	Stainless Steel SS201
11	Spring Washer	Stainless Steel SS304
12	Hex Nut	Stainless Steel SS304
13	Lock	Stainless Steel SS201



ZAHO SBV-2 Dimensions / Weights (approximate) in mm and kg					
SIZE	ID	L	H	W	Weight
	2000 WOG				
3/8”	12.5	62	55	99	0.32
1/2”	15	66	58	106	0.4
3/4”	20	77.5	63	120.5	0.57
1”	25	91.5	71	150	0.96
1-1/4”	32	102.2	79	150	1.4
1-1/2”	38	115.8	91	165	2.17
2”	49	135	99	180	3.8