3-Piece Threaded Ball Valve

A manual three-piece ball valve with female threaded ends, available in 1/4 to 4 inch sizes at 1000 PSI, with matching construction and dimensional drawings.



Body	CF8 / CF8M stainless steel; WCB carbon steel
Sizes	1/4-4 in (DN8-DN100)
Pressure	1000 PSI
Ends	Female threaded; specify thread standard
Seat	PTFE / RPTFE / CPTFE / PPL / PEEK
Operation	Manual lever

Principal materials

Bonnet	A351 CF8 / A351 CF8M / A216 WCB
Seat	PTFE / RPTFE / CPTFE / PPL / PEEK
Ball	SUS304 / SUS316
Body	A351 CF8 / A351 CF8M / A216 WCB
Stem	SUS304 / SUS316
V-ring packing	PTFE / RPTFE
Handle	SUS304

Temperature suitability and the pressure-temperature rating are confirmed for the selected configuration and service conditions. Samples, small orders and private-label options are available.

Thread standards: ANSI B1.20.1, BS 21, DIN 2999/259, ISO 228-1, ISO 7-1, JIS B0203. Specify the required thread when ordering.

3-Piece Threaded Ball Valve - Dimensions

Dimensions are in millimetres. The drawing and table describe the catalog configuration shown here. Confirm the final drawing with your quotation.

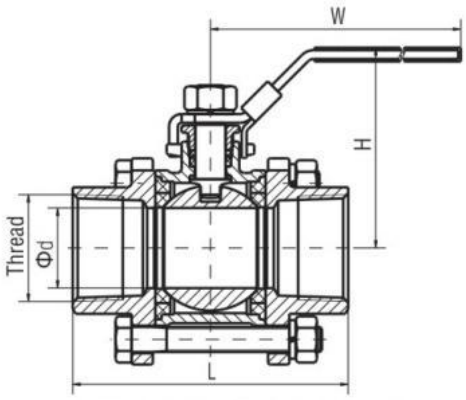


Fig.301 Female thread/301a Female thread/

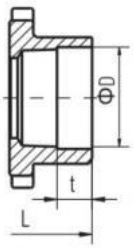


Fig.302 SW

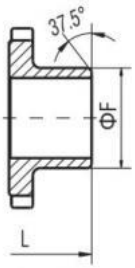


Fig.303 BW

Fig.301/301a
302/303
1000psi

FEMALE THREAD/MALE THREAD/SW/BW BALL VALVE SIZE (mm)

SIZE		d	L				D	t	F	H	W
			Fig.301	Fig.301a	Fig.302	Fig.303			ISO1127 EN 12627 SMS3008		
1/4"	DN8	10	55	55	60	/	14.6	9.5	14	49	90
3/8"	DN10	12	60	60	60	/	18	9.5	17·2	49	90
1/2"	DN15	15	75	62	75	75	22.2	9·5	21.7	52	105
3/4"	DN20	20	80	68	80	80	27.6	12.5	27.2	63	125
1"	DN25	25	90	81	90	90	34.3	12.5	34	67	135
1 1/4"	DN32	32	110	96	110	110	43.1	12.5	42.7	80	140
1 1/2"	DN40	38	120	106	120	120	49.2	12.5	48.6	93	175
2"	DN50	49	140	128	140	140	61.7	16	60.5	110	175
2 1/2"	DN65	64	185	/	185	185	74.4	16	76.3	117	220
3"	DN80	76	205	/	205	205	90.3	16	88.9	134	230
4"	DN100	100	240	/	240	240	115.7	19	114.3/116	157	310

Dimensions and connection options apply to the selected drawing. Confirm the final configuration with your quotation.