

## Ball Valve

ASA Class 150 / 300 | Flanged Ends | Full Bore | PTFE Seats | ½" – 10"

### Product Overview

Full bore ball valve with PTFE seats and stainless steel ball, delivering leak-free shut-off across a wide range of pressures and temperatures. Manufactured to BS 5351 / API 6D and tested to API 598 / BS 5146 — suited for water, steam, oil, gas and chemical service.



Size Range	½" – 10" (15 – 250 mm)
Pressure Class	ASA 150 / ASA 300
Design Standard	BS 5351 / API 6D
Test Standard	API 598 / BS 5146
End Connections	Flanged – ANSI B16.5   Socket Weld Ends
Class 150	150 PSIG @ 180°F   Body Test: 425 PSIG   Seat Test: 300 PSIG
Class 300	300 PSIG @ 200°F   Body Test: 1100 PSIG   Seat Test: 800 PSIG

### Parts & Materials

No.	Description	Material
01	Body	CS / C18 / CF8M
02	Body Connector	CS / C18 / CF8M
03	Ball	SS 202 / 304 / 316
04	Stem	SS 202 / 304 / 316
05	Gland Nut	SS 202 / 304 / 316 / MS
06	Gland Bush	SS 202 / 304 / 316 / MS
07	Lock Nut	SS 202 / 304 / 316 / MS
08	Seat Ring	PTFE
09	Seat Seal	PTFE
10	Body Sealent Ring	PTFE
11	Lever	MS / SS 304 / SS 316
12	Stopper Pin	MS / SS 304 / SS 316
13	Stud & Nut	MS / SS

### Dimension Chart – Class 150 (all dimensions in mm)

Size	MM	A	B	OC	OD	OM	N	PCD
1/2"	15	108	10.0	35	89.0	16	4	60.4
3/4"	20	118	10.5	43	98.0	16	4	69.8
1"	25	127	11.0	51	108.0	16	4	79.2
1.1/4"	32	140	12.7	64	117.0	16	8	88.9
1.1/2"	40	165	14.2	73	127.0	16	8	98.5
2"	50	178	15.7	92	152.0	19	8	120.6
2.1/2"	65	191	17.5	105	178.0	19	8	139.7
3"	80	203	19.0	127	190.5	19	8	152.4
4"	100	229	22.4	157	229.0	19	8	190.5
5"	125	254	24.0	186	254.0	22	8	215.9
6"	150	267	25.0	216	279.0	22	8	241.3
8"	200	292	28.5	270	343.0	22	12	298.4
10"	250	330	30.0	324	406.0	25	12	362.0

### Dimension Chart – Class 300 (all dimensions in mm)

Size	MM	A	B	OC	D	OM	N	PCD
1"	25	165	17.5	51	124.0	22	4	88.9
1.1/2"	40	190	20.5	73	155.5	22	4	114.3
2"	50	216	22.0	92	165.0	19	8	127.0
2.1/2"	65	241	25.0	105	190.5	22	8	149.3
3"	80	283	28.5	127	209.5	22	8	168.0
4"	100	305	32.0	157	254.0	22	8	200.0
5"	125	381	35.0	186	279.4	22	8	235.0
6"	150	403	36.5	216	317.5	22	12	269.7
8"	200	419	41.0	270	381.0	25	12	330.2
10"	250	457	47.5	324	444.5	28	16	387.4

All dimensions in mm. Dimensions subject to change without notice.