

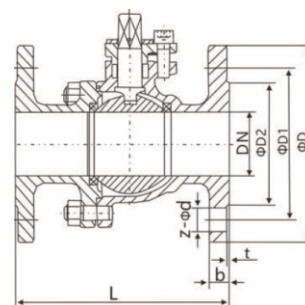
DIN FLANGE BALL VALVE

Applicable Standards

Design	DIN 3357
Face to Face	DIN3202
End Flange	DIN 2542-2546
Test and Inspection	DIN 3230

Material Specifications

No.	PART NAME	MATERIAL
1	Body	WCB/CF8/CF8M
2	Bonnet	WCB/CF8/CF8M
3	Ball	A276 304/A276 316
4	Stem	2CR13/304/316
5	Seat	PTFE/RPTFE
6	Gland Packing	PTFE/Flexible Graphite
7	Gland	WCB/CF8
8	Bolt	A193-B7/A193-B8M
9	Nut	A194-2H/A194-8



Main Dimensions (Inch/mm)

1.6MPa PN(16bar)

DN	L	D	D1	D2	b	t	Z-φd
15	115	95	65	45	16	2	4-14
20	120	105	75	58	18	2	4-14
25	125	115	85	68	18	2	4-14
32	130	140	100	78	18	2	4-18
40	140	150	110	88	18	3	4-18
50	150	165	125	102	20	3	4-18
65	170	185	145	122	20	3	4-18
80	180	200	160	138	20	3	8-18
100	190	220	180	158	20	3	8-18
125	325	250	210	188	22	3	8-18
150	350	285	240	212	22	3	8-22
200	400	340	295	268	24	3	12-22
250	450	405	355	320	26	3	12-26
300	500	460	410	378	28	4	12-26
350	550	520	470	438	30	4	16-26
400	600	580	525	490	32	4	16-30

2.5MPa PN(25bar)

DN	L	D	D1	D2	b	t	Z-φd
15	115	95	65	45	16	2	4-14
20	120	105	75	58	18	2	4-14
25	125	115	85	68	18	2	4-14
32	130	140	100	78	18	2	4-18
40	140	150	110	88	18	3	4-18
50	150	165	125	102	20	3	4-18
65	170	185	145	122	22	3	8-18
80	180	200	160	138	24	3	8-18
100	190	235	190	162	24	3	8-22
125	325	270	220	188	26	3	8-26
150	350	300	250	218	28	3	8-26
200	400	360	310	278	30	3	12-26
250	450	425	370	335	32	3	12-30
300	500	485	430	395	34	4	16-30
350	550	555	490	450	38	4	16-33
400	600	620	550	505	40	4	16-36

4.0MPa PN(40bar)

DN	L	D	D1	D2	b	t	Z-φd
15	115	95	65	45	16	2	4-14
20	120	105	75	58	18	2	4-14
25	125	115	85	68	18	2	4-14
32	130	140	100	78	18	2	4-18
40	140	150	110	88	18	3	4-18
50	150	165	125	102	20	3	4-18
65	170	185	145	122	22	3	8-18
80	180	200	160	138	24	3	8-18
100	190	235	190	162	24	3	8-22
125	325	270	220	188	26	3	8-26
150	350	300	250	218	28	3	8-26
200	400	375	320	285	34	3	12-30
250	450	450	385	345	38	3	12-33
300	500	515	450	410	42	4	16-33
350	550	580	510	465	46	4	16-36
400	600	660	585	535	50	4	16-39

6.4MPa PN(64bar)

DN	L	D	D1	D2	b	t	Z-φd
15	140	105	75	45	20	2	4-14
20	152	130	90	58	20	2	4-18
25	165	140	100	68	24	2	4-18
32	178	155	110	78	24	2	4-22
40	190	170	125	88	26	3	4-22
50	216	180	135	102	26	3	4-22
65	241	205	160	122	26	3	8-22
80	283	215	170	138	28	3	8-22
100	305	250	200	162	30	3	8-26
125	381	295	240	188	34	3	8-30
150	403	345	280	218	36	3	8-33
200	419	415	345	285	42	3	12-36
250	457	470	400	345	46	3	12-36
300	502	530	460	410	52	3	16-36