

BALL VALVES

Type 502F16, DIN, 1/2"-4"

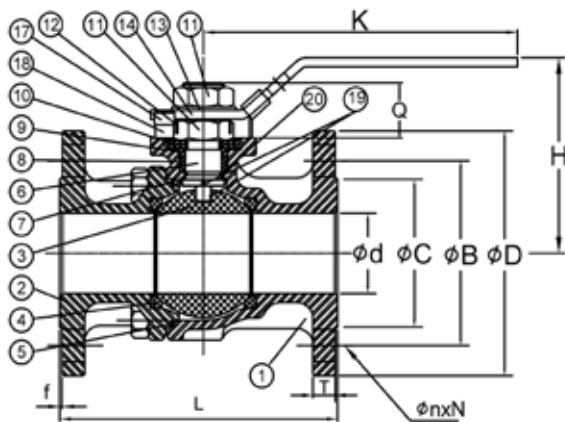
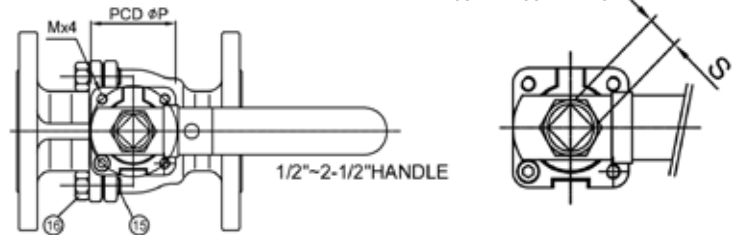


Two-piece ball valve, flange connection.



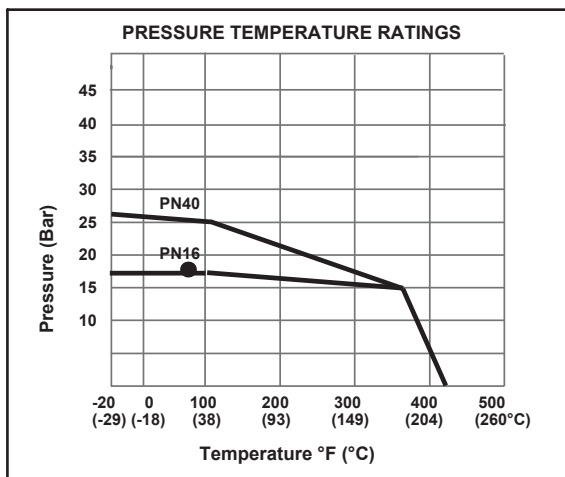
Feature and Specifications

- Two piece design facilitates inspection and repair
- Blow-out proof stem
- Anti-Static design is standard
- Temperature range : -29°C to 180°C
- Face to face : DIN 3202 F4
- Flange dimensions : DIN 2633
- Mounting pad : ISO 5211
- Pressure rating :
DN15~DN50 = PN40
DN65~DN100 = PN16



Standard Material Specifications

No.	Part Name	Materials
1	Body	EN10213-4 (316)
2	Cap	EN10213-4 (316)
3	Ball	ASTM A351 GR. CF8M
4	Seat	RTFM-1600
5	Gasket	RTFM-1600
6	Stem	SS316
7	Thrust Washer	POLYFILL
8	Packing	PTFE
9	Ring	SS304
10	Bevel Washer	SS301
11	Hex. Nut	SS304
12	Lock	SS304
13	Handle Washer	SS304
14	Handle	SS304
15	Bolt	SS304
16	Hex. Nut	SS304
17	Bolt	SS304
18	Washer	SS304
19	Static Device	SS304
20	O-ring	SPRING



Dimensions (mm)																
DN	Size	Ød	ØB	ØC	ØD	S	H	K	L	T	f	Øn	N	M	ØP	*torque (Nm) at 6.9 bar
15	1/2"	15	65	45	95	9	72	145	115	16	2	14	4	M5	42	5
20	3/4"	20	75	58	105	9	74	145	120	18	2	14	4	M5	42	6
25	1"	25	85	68	115	11	81	165	125	18	2	14	4	M6	50	10
32	1-1/4"	32	100	78	140	11	87	165	130	18	2	18	4	M6	50	15
40	1-1/2"	38	110	88	150	17	126	240	140	18	3	18	4	M8	70	19
50	2"	50	125	102	165	17	136	240	150	20	3	18	4	M8	70	25
65	2-1/2"	65	145	122	185	17	155	240	170	18	3	18	4	M8	70	57
80	3"	80	160	138	200	22	167	354	180	20	3	18	8	M10	102	77
100	4"	100	180	158	220	22	179	354	190	20	3	18	8	M10	102	93

*Suggest adding safety factor 20%