

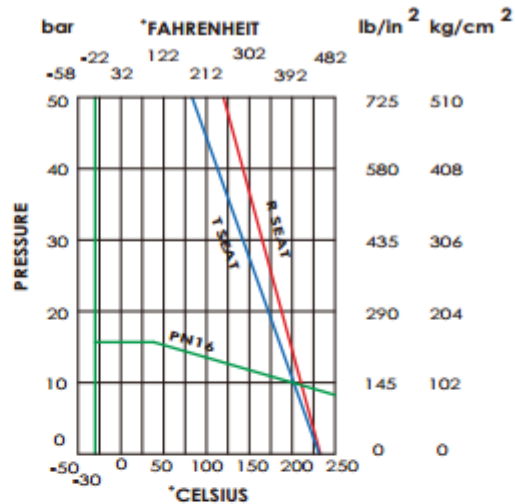


ALLVALVES SERIES 146 - SS PN16 LEVER BALL VALVES

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TYPE AVOL: 146 SERIES

Flanged PN16, Full Bore, Stainless Steel Body, Ball & Stem, PTFE Seats & Seals, Anti-Blowout Stem, Anti-Static Device, Firesafe Design.

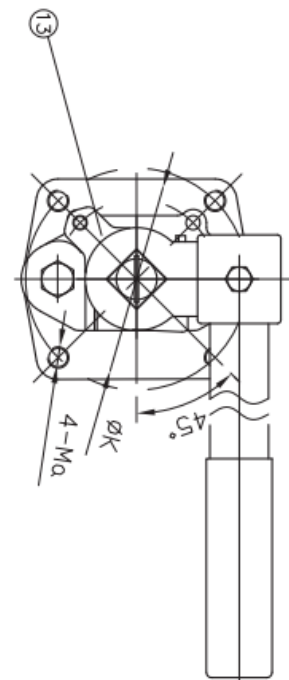
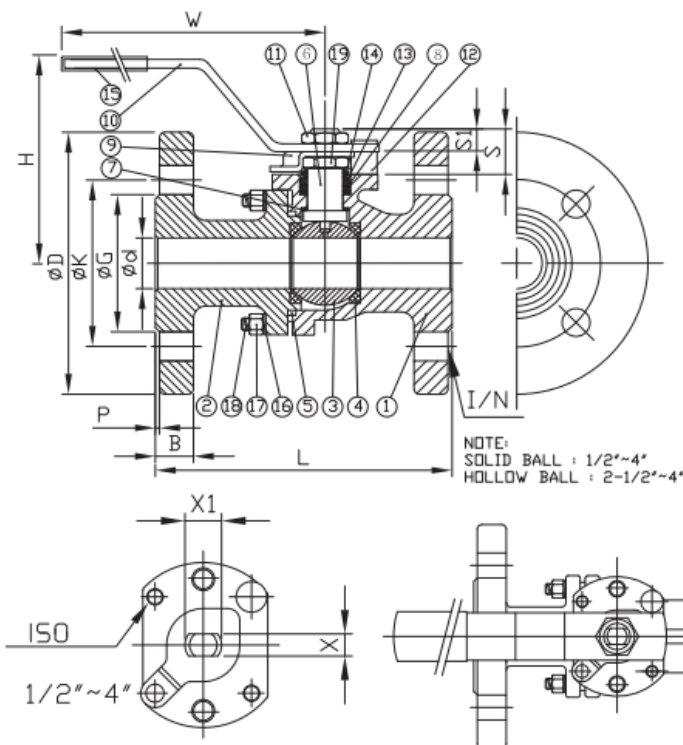


Pressure / Temperature

Pressure	PN16
Temperature	-20°C to 220°C

Material List

1. Body	A351 CF8M Stainless Steel	11. Handle Nut	304 Stainless Steel
2. Cap	A351 CF8M Stainless Steel	12. Stop Pin	304 Stainless Steel
3. Ball	A351 CF8M Stainless Steel	13. Stem Ring	304 Stainless Steel
4. Ball Seat	PTFE	14. Belleville Washer	301 Stainless Steel
5. Joint Gasket	PTFE	15. Handle Cover	PVC
6. Stem	316 Stainless Steel	16. Spring Washer	304 Stainless Steel
7. Thrust Washer	PTFE	17. Nut	304 Stainless Steel
8. Stem Packing	PTFE	18. Stud Bolt	304 Stainless Steel
9. Stopper	304 Stainless Steel	19. Stem Nut	304 Stainless Steel
10. Handle	304 Stainless Steel		



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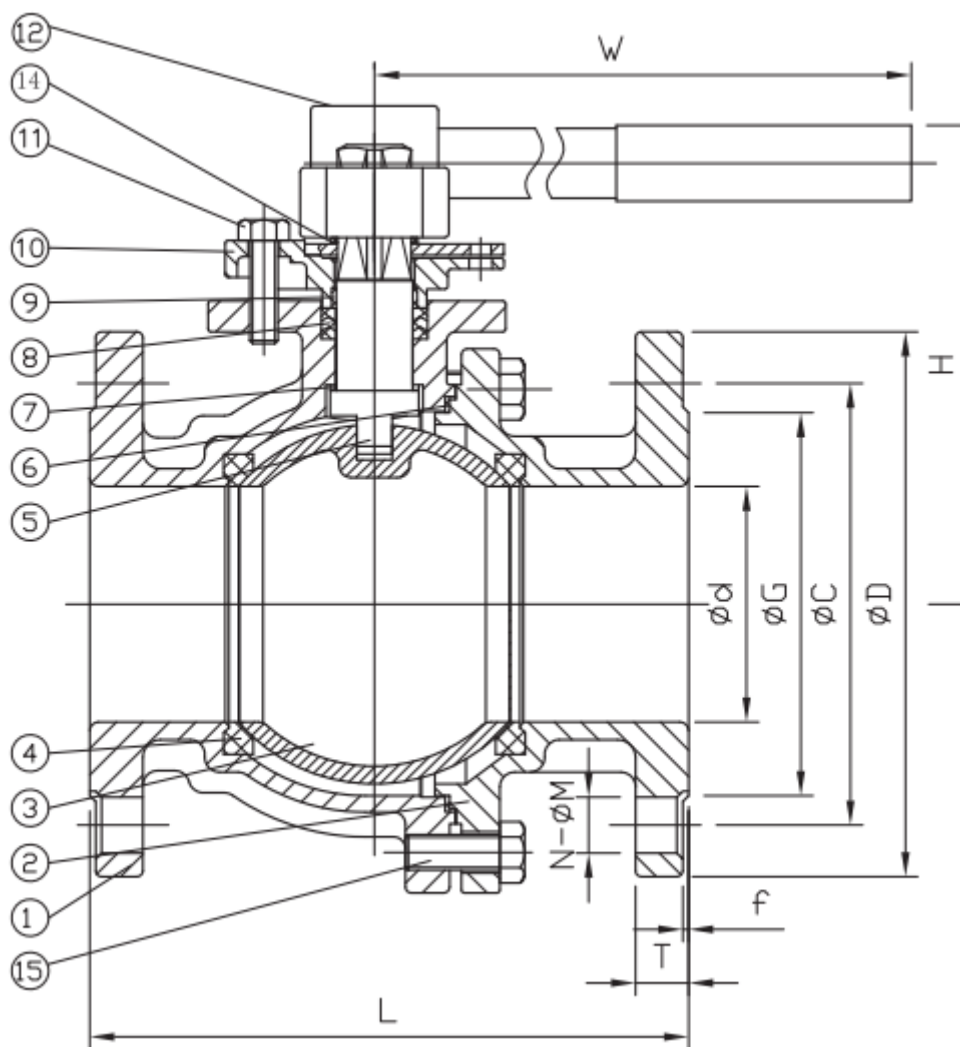
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TYPE AVOL: 146 SERIES

Dimensions

Size	Ød	ISO	L	ØD	ØK	ØG	B	I/N	X	X1	P	S	S1	H	W	Torque	Kg
½"	15	F04	115	95	65	45	14	14/4	8.6	M14x2.0	2	19	10	74	170	54	1.8
¾"	20	F04	120	105	75	58	16	14/4	8.6	M14x2.0	2	24	13	77	170	78	2.5
1"	25	F05	125	115	85	68	16	14/4	10	M16x2.0	2	24	14	83	170	106	3.4
1¼"	32	F05	130	140	100	78	16	18/4	10	M16x2.0	2	29	17.5	88	170	150	4.6
1½"	38	F07	140	150	110	88	16	18/4	12	M20x2.5	3	31	18.5	123	250	200	6.4
2"	50	F07	150	165	125	102	18	18/4	12	M20x2.5	3	32	20	132	250	290	8.5
2½"	65	F07	170	185	145	122	18	18/4	12	M20x2.5	3	31	18.5	157	320	500	12.1
3"	80	F10	180	200	160	138	20	18/8	16	M27x3.0	3	48	33	166	365	770	17.9
4"	100	F10	190	220	180	158	20	18/8	16	M27x3.0	3	48	33	182	365	1100	23.3



Material List

1. Body	A351 CF8M Stainless Steel
2. Cap	A351 CF8M Stainless Steel
3. Ball	316 Stainless Steel
4. Seat	RPTFE
5. Stem	316 Stainless Steel
6. Gasket	PTFE
7. Thrust Washer	PTFE
8. Packing	PTFE
9. Stem Packing	PTFE
10. Gland	SCS13
11. Gland Bolt	ASTM 194-B8
12. Handle	FC
13. Stopper	304 Stainless Steel
14. Snap Ring	304 Stainless Steel
15. Bolt	ASTM 194-B8

Dimensions

Size	Ød	ØD	ØC	ØG	f	T	N	M	L	H	ØK	Ma	W	ISO
5"	125	250	210	188	3	22	8	18	325	224	125	M12	750	F12
6"	150	285	240	212	3	22	8	22	350	280	125	M12	750	F12
8"	200	340	295	268	3	24	12	22	400	340	125	M12	1000	F12

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