

Mounting Pad 2-Piece Flanged Ball Valve to ANSI/ASME

CLASS 150, 1/2"~12"

Series 2F-CL150

Features

- Blow-out proof stem
- With ISO 5211 mounting pad
- Firesafe design available upon request
- Gland design enables easy re-tightening

PMA: 275 psi@34°F

TMA: 350°F

Selection:

Material of Body:
CF8/CF8M/WCB

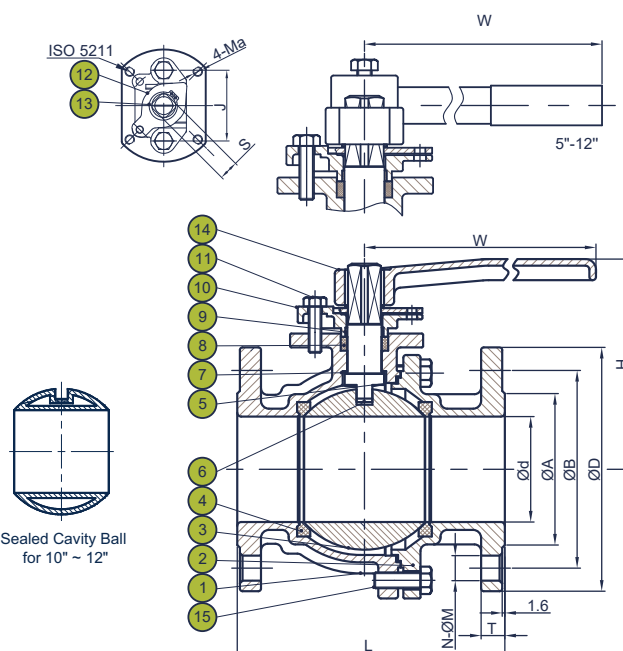
Standards

- Design: ASME B16.34
- Face-to-Face: ASME B16.10
- Flange End Dimensions: ASME B16.5
- Inspection & test acc. to API 598

Materials List

No.	PARTS NAME	MATERIALS
1	BODY	CF8 / CF8M / WCB
2	CAP	CF8 / CF8M / WCB
3	BALL	CF8 / CF8M
4	BALL SEAT	PTFE
5	BODY SEAL	PTFE
6	STEM	SUS304 / SUS316
7	THRUST WASHER	TFM4215
8	STEM PACKING	PTFE
9	STEM BUSHING	PTFE
10	GLAND	CF8
11	GLAND BOLT	SUS304 / CARBON STEEL
12	LOCKING DEVICE	SUS304
13	SNAP RING	SUS304
14	HANDLE	FCD
15	BODY BOLT	SUS304 / CARBON STEEL

* Enclosed is a condensed table. For complete options, contact DIE ERSTE directly.



Dimensions (mm)

Size	d	L	H	T	S	A	B	D	W	J	Ma	ISO 5211	N-ØM	Torque N.m	Cv	Kv
IN	DN															
1/2"	15	108	92	11.1	12	35	60.5	89	160	50	M5	F04	4-Ø16	16	24	20.6
3/4"	20	117	98	11.1	12	43	70	98	160	50	M5	F04	4-Ø16	20	47	40.3
1"	25	127	103	11.1	12	51	79.5	108	160	50	M6	F05	4-Ø16	25	81	69.4
1 1/4"	32	140	107	12.7	12	64	89.5	117	160	50	M6	F05	4-Ø16	28	132	113.1
1 1/2"	40	165	112	14.3	17	73	98.5	127	230	62	M8	F07	4-Ø16	32	202	173.1
2"	50	178	122	15.9	17	92	120.5	152	230	62	M8	F07	4-Ø19	38	376	322.2
2 1/2"	65	190	151	17.5	21	105	139.5	178	350	75	M8	F07	4-Ø19	55	642	550.1
3"	80	203	161	19.1	21	127	152.5	190	350	75	M10	F10	4-Ø19	83	901	772.1
4"	100	229	175	23.9	21	157	190.5	229	350	75	M10	F10	8-Ø19	110	1588	1360.8
5"	125	356	224	23.9	24	186	216	254	750	89	M12	F12	8-Ø22	187	4500	3856.0
6"	150	394	247	25.4	24	216	241.5	279	750	89	M12	F12	8-Ø22	297	3847	3296.5
8"	200	457	305	28.6	32	270	298.5	343	1000	100	M12	F12	8-Ø22	660	6900	5912.6
10"	250	533	327	30.2	32	324	362	406	1000	100	M16	F14	12-Ø25	880	10800	9254.5
12"	300	610	355	31.8	32	381	432	483	1000	100	M16	F14	12-Ø25	1100	15600	13367.6

Note: Torque measured at ambient temperature with no loading ; safety factor is not included.
Select size(s) may be under development, please consult with us for details.