

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

CLASS 300, 1/2"~12"

Series 2F-CL300

Features

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

PMA: 720 psi@34°F

TMA: 350°F

Selection:

Material of Body:
CF8/CF8M/WCB

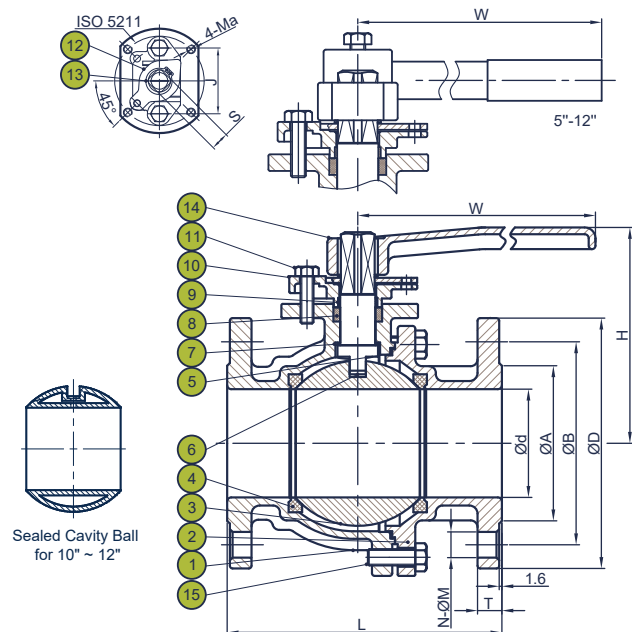
Standards

- 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.



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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	15	140	92	14.3	12	35	66.5	95	160	50	M5	F04	4-Ø16	20	24	20.6
3/4"	20	20	152	98	15.9	12	43	82.5	117	160	50	M5	F04	4-Ø19	25	47	40.3
1"	25	25	165	103	17.5	12	51	89	124	160	50	M6	F05	4-Ø19	29	81	69.4
1 1/4"	32	32	178	107	19.1	12	64	98.5	133	160	50	M6	F05	4-Ø19	36	132	113.1
1 1/2"	40	40	190	112	20.7	17	73	114.5	156	230	62	M8	F07	4-Ø22	42	202	173.1
2"	50	50	216	122	22.3	17	92	127	165	230	62	M8	F07	8-Ø19	52	376	322.2
2 1/2"	65	65	241	151	25.4	21	105	149	190	350	75	M8	F07	8-Ø22	64	642	550.1
3"	80	80	283	161	28.6	21	127	168	210	350	75	M10	F10	8-Ø22	110	901	772.1
4"	100	100	305	175	31.8	21	157	200	254	350	75	M10	F10	8-Ø22	165	1588	1360.8
6"	150	150	403	247	36.6	24	216	270	318	750	89	M12	F12	12-Ø22	352	3847	3296.5
8"	200	200	502	305	41.3	32	270	330	381	1000	100	M12	F12	12-Ø25	660	6900	5912.6
10"	250	250	568	351	47.7	32	324	387	444	1000	100	M16	F14	16-Ø29	880	10800	9254.5
12"	300	300	648	389	50.8	32	381	451	521	1000	100	M16	F14	16-Ø32	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.