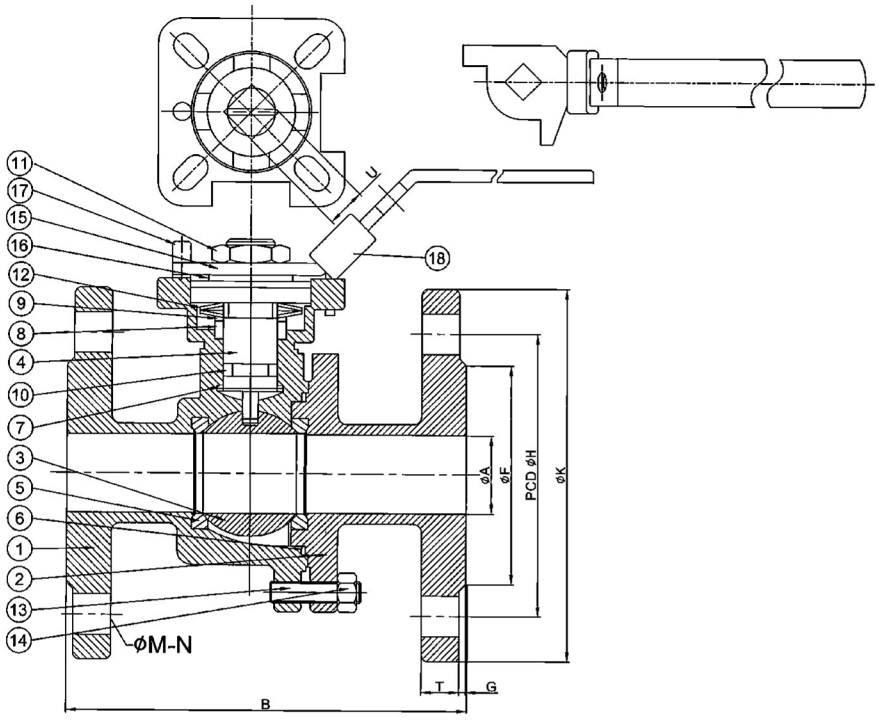
F-2DM Flanged Ball Valve

300 CLASS

2PC FLANGED BALL VALVE · DIRECT MOUNT · CLASS 300 · STAINLESS STEEL

01 ASSEMBLY



ASSEMBLY DRAWING · UNIT: MM · NO.1–18 → MATERIAL LIST

02 SPEC

WORKING PRESSURE

Class 300

NOMINAL SIZE

1/2″–4″

BODY MATERIAL

CF8 / CF8M

CONNECTION

ASME B16.5

03 MATERIAL LIST

NO	PART NAME	MATERIAL	Q'TY
1	**Body**	A351 CF8 / CF8M	1
2	**Cap**	A351 CF8 / CF8M	1
3	**Ball**	A351 CF8 / CF8M	1
4	**Stem**	SS304 / SS316	1
5	**Seat**	PTFE+15%GF	2
6	**Gasket**	PTFE	1
7	**Thrust Washer**	PTFE	1
8	**Packing**	PTFE	1
9	**Ring**	SS304	1

NO	PART NAME	MATERIAL	Q'TY
10	**O-Ring**	VITON	1
11	**Handle Nut**	SS304	2
12	**Belleville Washer**	SS410	2
13	**Stud Bolt**	A193 B8	4–8
14	**Set Nut**	A194 B8	4–8
15	**Handle**	A536 65-45-12	1
16	**Stem Washer**	SS304	1
17	**Set Screw**	SS304	1
18	**Locking Plate**	SS304	1

04 DIMENSIONS (MM)

SIZE	A	B	F	G	H	K	T	U	M	N
1/2″	15	138	35	1.5	66	95	13	9	16	4
3/4″	20	149	42	1.5	82	117	15	9	19	4
1″	25	163	51	1.5	88	124	16	11	19	4
1-1/2″	38	187	71	1.8	114	155	19	14	22	4
2″	50	215	92	1.8	123	165	21	14	19	8
2-1/2″	65	239	104	1.8	149	191	24	17	22	8
3″	81	281	127	1.8	168	208	27	17	22	8
4″	100.5	305	158	1.8	200	254	30	17	22	8

A = BORE Ø · B = FACE-TO-FACE · G = RAISED FACE H · H = P.C.D · K = FLANGE OD · T = FLANGE THK · ØM-N = N × BOLT HOLES ØM · F / U PER DRAWING · FLANGE: ASME B16.5 CLASS 300 · UNIT: MM