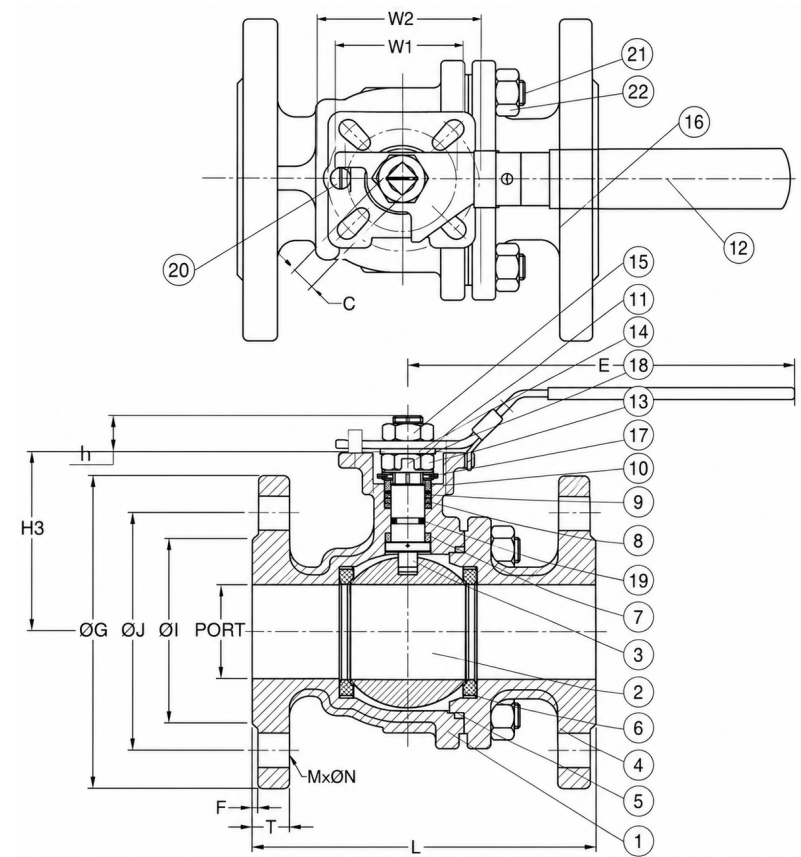


F-2BM

2-PC DIRECT-MOUNT FLANGED BALL VALVE

CLASS 150
ASME

01 ASSEMBLY



ASSEMBLY DRAWING · UNIT: MM · NO.1-22 → MATERIAL LIST

03 MATERIAL LIST

NO	PART NAME	MATERIAL	NO	PART NAME	MATERIAL
1	Body	A351 CF8 / CF8M	12	Handle Cover	Plastic
2	Ball	SS304 / SS316	13	Stem Nut	SS304
3	Stem	SS304 / SS316	14	Handle Washer	SS304
4	End Cap	A351 CF8 / CF8M	15	Handle Nut	SS304
5	Body Seal	PTFE	16	Locking Pad	SS304
6	Seat	RTFE	17	Belleville Washer	SS304
7	Thrust Washer	RTFE	18	Stop Washer	SS304
8	Stem Packing	RTFE	19	Stem O-Ring	VITON
9	Thrust Washer	PTFE	20	Stop	SS304
10	Gland	SS304	21	Stud	A193 B8
11	Handle	SS304	22	Nut	A194 Gr.8

04 DIMENSIONS (MM)

SIZE	PORT	L	E	h	H3	C	ØG	ØJ	ØI	T	F	M	ØN	W1	W2	ISO-5211
DN15 1/2"	15	108	110	7	48	9.0	89.0	60.5	35.0	11.6	1.6	4	16.0	36	42	F03/F04
DN20 3/4"	20	117	110	9	62	9.0	98.6	70.0	43.0	11.6	1.6	4	16.0	36	42	F03/F04
DN25 1"	25	127	136	12	64.5	11	108.0	79.2	51.0	11.6	1.6	4	16.0	42	50	F04/F05
DN32 1 1/4"	32	140	136	12	71	11	117.5	88.9	63.5	13.6	1.6	4	16.0	42	50	F04/F05
DN40 1 1/2"	38	165	182	16	76	14.0	127.0	98.6	73.2	14.6	1.6	4	16.0	50	70	F05/F07
DN50 2"	50	178	182	16	84.5	14.0	152.5	120.7	92.0	16	1.6	4	19.0	50	70	F05/F07
DN65 2 1/2"	65	190	265	19	99	17.0	177.8	139.7	104.7	17.0	1.6	4	19.0	70	102	F07/F10
DN80 3"	80	203	265	19	109	17.0	190.5	152.4	127.0	19.1	1.6	4	19.0	70	102	F07/F10
DN100 4"	100	229	265	24	139	17.0	228.6	190.5	157.2	23.9	1.6	8	19.0	70	102	F07/F10

PORT = BORE Ø · L = FACE-TO-FACE · ØG = FLANGE OD · ØJ = P.C.D · ØI = RAISED FACE Ø · T = FLANGE THK · M×ØN = BOLT HOLES · W1/W2 = TOP PAD · ISO-5211 = ACTUATOR PAD · FLANGE: ASME B16.5 · FACE-TO-FACE: ASME B16.10 · UNIT: MM

02 SPEC

SIZE RANGE	1/2"-4"
WORKING PRESSURE	ASME Class 150
BODY MATERIAL	CF8 / CF8M
CONNECTION	ASME B16.5 Flange
FACE-TO-FACE	ASME B16.10
TOP MOUNTING	ISO 5211