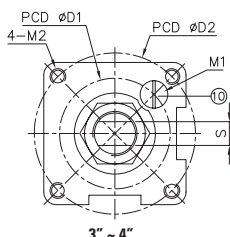
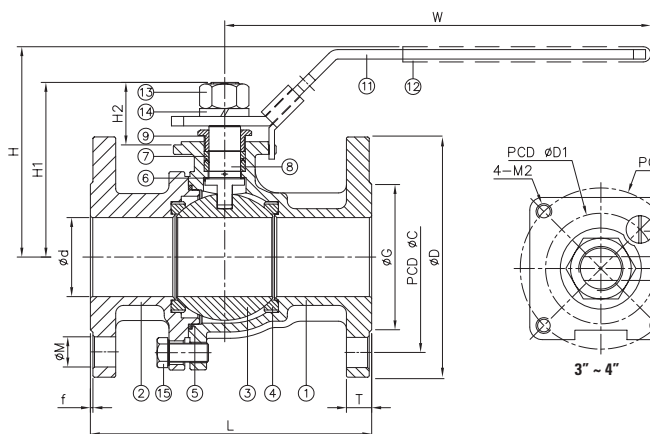


1/2" ~ 2-1/2"



3" ~ 4"

SERIES: B203FM - B203FC - 300#

2-PC FLANGED END BALL VALVE

Stainless / Carbon Steel (1/2" - 4")

DESIGN FEATURES:

- Full port, 1/2"~4" (DN15~DN100)
- **W.P. : CLASS 300**
- W.T. : -20°C~200°C (-4°F~392°F)
- Investment casting
- Blow-out proof stem
- Silicone Free
- Anti-static device (option)
- Locking device
- **Mounting pad ISO 5211**
- Flange dimension: ASME B16.5
- Face to face: ASME B16.10

ITEM	PARTS	MATERIAL	
		B203FMMTXXX	B203FCMTXXX
1	BODY	ASTM A351-CF8M	ASTM A216-WCB
2	CAP		
3	BALL	ASTM A351-CF8M	
4	SEAT	TFM 1600	
5	SEAL	PTFE	
6	THRUST WASHER		
7	PACKING		
8	STEM	ASTM A276-316	
9	GLAND NUT	AISI 304	
10	STOP PIN		
11	HANDLE	STAINLESS STEEL	
12	HANDLE SLEEVE	PVC	
13	STEM NUT	AISI 304	
14	SPRING WASHER		
15	BOLT		

DN	d	G	C	D	L	H	H1	H2	W	T	f	S	D1	D2	M	M1	M2	Torque (N-m)		Weight (kg)
																		Breakaway	Action	
15	15	35	66.5	95	140	85.7	57.2	23.7	169	14.3	1.6	8	42	-	16	M5	-	7.5	5.0	2.0
20	20	43	82.5	117	152	88.5	60.0	23.5	169	15.8	1.6	8	42	-	19	M5	-	7.6	5.0	3.2
25	25	51	89.0	124	165	103.3	73.8	29.0	205	17.5	1.6	10	50	-	19	M6	-	17.5	15.1	3.8
32	32	64	98.5	133	178	108.0	78.5	29.0	205	19.1	1.6	10	50	-	19	M6	-	20.0	17.2	5.6
40	38	73	114.5	156	190	128.4	102.9	39.4	266	20.6	1.6	12	70	-	22	M8	-	22.9	20.5	8.1
50	50	92	127.0	165	216	135.9	110.4	39.4	266	22.4	1.6	12	70	-	19	M8	-	32.2	27.2	10.3
65	63	105	149.0	190	241	147.6	122.1	38.6	298	25.4	1.6	12	70	-	22	M8	-	42.3	34.2	16.1
80	76	127	168.0	210	282	167.5	142.0	43.0	390	28.5	1.6	15	70	102	22	M8	M10	87.2	74.6	22.7
100	100	157	200.0	254	305	182.5	157.0	43.0	390	31.8	1.6	15	70	102	22	M8	M10	98.2	75.2	36.7

unit: mm

NPS	d	G	C	D	L	H	H1	H2	W	T	f	S	D1	D2	M	M1	M2	Torque (in-lb)		Weight (lb)
																		Breakaway	Action	
1/2"	0.59	1.38	2.62	3.74	5.51	3.37	2.25	0.93	6.65	0.56	0.06	0.31	1.65	-	0.63	M5	-	66.4	44.3	4.4
3/4"	0.79	1.69	3.25	4.61	5.98	3.48	2.36	0.93	6.65	0.62	0.06	0.31	1.65	-	0.75	M5	-	67.3	44.3	7.1
1"	0.98	2.01	3.50	4.88	6.50	4.07	2.91	1.14	8.07	0.69	0.06	0.39	1.97	-	0.75	M6	-	154.9	133.7	8.4
1-1/4"	1.26	2.52	3.88	5.24	7.01	4.25	3.09	1.14	8.07	0.75	0.06	0.39	1.97	-	0.75	M6	-	177.0	152.2	12.3
1-1/2"	1.50	2.87	4.51	6.14	7.48	5.06	4.05	1.55	10.47	0.81	0.06	0.47	2.76	-	0.75	M8	-	202.7	181.4	17.9
2"	1.97	3.62	5.00	6.50	8.50	5.35	4.35	1.55	10.47	0.88	0.06	0.47	2.76	-	0.87	M8	-	285.0	240.7	22.7
2-1/2"	2.48	4.13	5.87	7.48	9.49	5.81	4.81	1.52	11.73	1.00	0.06	0.47	2.76	-	0.87	M8	-	374.4	302.7	35.5
3"	2.99	5.00	6.61	8.27	11.1	6.59	5.59	1.69	15.35	1.12	0.06	0.59	2.76	4.02	0.87	M8	M10	771.8	660.3	50.0
4"	3.94	6.18	7.87	10.0	12.01	7.19	6.18	1.69	15.35	1.25	0.06	0.59	2.76	4.02	0.87	M8	M10	869.2	665.6	80.9

unit:in

FOR ADDITIONAL SIZES SEE NEXT PAGE