



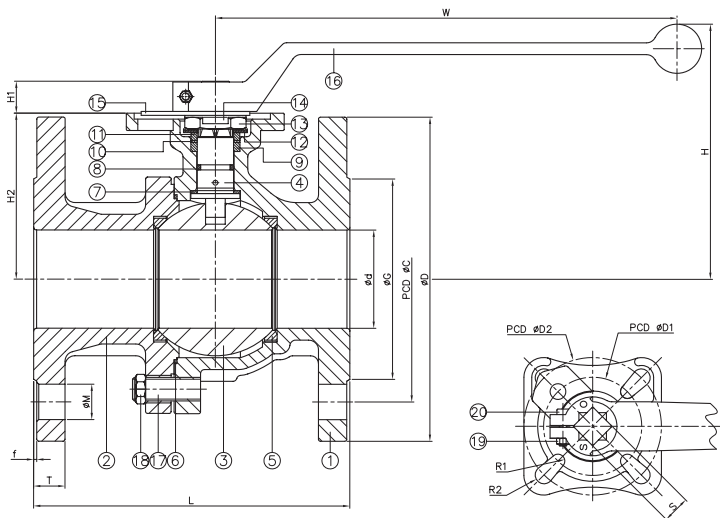
SERIES: B601FM - B601FC - Class 150

2-PC FLANGED END BALL VALVE

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

DESIGN FEATURES:

- Full port, 1/2"~4" (DN15~DN100)
- **W.P. : CLASS 150**
- W.T. : -20°C~200°C (-4°F~392°F)
- Investment casting
- Blow-out proof stem
- Silicone Free
- Live-loading design
- Anti-static device
- Locking device
- **Direct mounting pad ISO 5211**
- **API 607 Fire safe approved**
- Supplied with lever handle



ITEM	PARTS	MATERIAL	
		B601FMMGXXX	B601FCMGXXX
1	BODY	ASTM A351-CF8M	ASTM A216-WCB
2	CAP		
3	BALL		
4	STEM	ASTM A276-316	
5	SEAT	TFM 1600	
6	SEAL	GRAPHITE	
7	THRUST WASHER	CTFE	
8	O-RING	VITON	
9	PACKING A	GRAPHITE	
10	PACKING B	CTFE	
11	GLAND RING	AISI 304	
12	BELLEVILLE WASHER	AISI 301	
13	NUT	AISI 304	
14	LOCK WASHER		
15	STOPPER		
16	HANDLE		
17	STUD		
18	NUT		
19	NUT		
20	BOLT		

DN	d	G	C	D	L	H	H1	H2	W	T	f	S	D1	D2	R1	R2	M	ISO 5211	Torque (N-M)		Weight (kg)
																			Breakaway	Action	
15	15	35.0	60.5	89.0	108.0	85.0	8.5	50.5	190	11.1	1.6	9	36	42	2.75	2.75	16	F03 / F04	5.2	3.0	1.7
20	20	43.0	70.0	98.0	117.0	89.5	8.5	55.0	190	11.6	1.6	9	36	42	2.75	2.75	16	F03 / F04	8.0	4.7	2.1
25	24	51.0	79.5	108.0	127.5	94.2	10.5	59.0	190	11.6	1.6	11	42	50	2.75	3.50	16	F04 / F05	12.5	9.0	3.2
32	30	64.0	89.0	117.0	140.5	97.9	10.5	62.0	190	12.7	1.6	11	42	50	2.75	3.50	16	F04 / F05	14.0	11.0	3.7
40	38	73.0	98.5	127.0	165.0	120.9	14.0	76.0	235	14.3	1.6	14	50	70	3.50	4.50	16	F05 / F07	24.5	18.0	6.0
50	50	92.0	120.5	152.0	178.0	129.9	14.0	84.5	235	16.0	1.6	14	50	70	3.50	4.50	19	F05 / F07	32.0	23.0	8.0
65	64	105.0	139.5	178.0	190.5	156.3	17.0	104.5	325	17.5	1.6	17	70	102	4.50	5.50	19	F07 / F10	38.0	27.0	14.5
80	76	127.0	152.5	190.5	203.0	163.3	17.0	111.5	325	19.1	1.6	17	70	102	4.50	5.50	19	F07/ F10	45.0	30.0	18.2
100	100	157.2	190.5	229.0	229.0	195.9	23.0	142.0	325	24.3	1.6	22	102	125	5.50	6.50	19	F10 / F12	130.0	78.0	29.3

unit: mm

NPS	d	G	C	D	L	H	H1	H2	W	T	f	S	D1	D2	R1	R2	M	ISO 5211	Torque (in-lb)		Weight (lb)
																			Breakaway	Action	
1/2"	0.59	1.38	2.38	3.50	4.25	3.35	0.33	1.99	7.48	0.44	0.06	0.35	1.42	1.65	0.11	0.11	0.63	F03 / F04	46.0	26.6	3.7
3/4"	0.79	1.69	2.76	3.86	4.61	3.52	0.33	2.17	7.48	0.46	0.06	0.35	1.42	1.65	0.11	0.11	0.63	F03 / F04	70.8	41.6	4.6
1"	0.94	2.01	3.13	4.25	5.02	3.71	0.41	2.32	7.48	0.46	0.06	0.43	1.65	1.97	0.11	0.14	0.63	F04 / F05	110.6	79.7	7.1
1-1/4"	1.18	2.52	3.50	4.61	5.53	3.85	0.41	2.44	7.48	0.50	0.06	0.43	1.65	1.97	0.11	0.14	0.63	F04 / F05	123.9	97.4	8.2
1-1/2"	1.50	2.87	3.88	5.00	6.50	4.76	0.55	2.99	9.25	0.56	0.06	0.55	1.97	2.76	0.14	0.18	0.63	F05 / F07	216.8	159.3	13.2
2"	1.97	3.62	4.74	5.98	7.01	5.11	0.55	3.33	9.25	0.63	0.06	0.55	1.97	2.76	0.14	0.18	0.75	F05 / F07	283.2	203.6	17.6
2-1/2"	2.52	4.13	5.49	7.01	7.50	6.15	0.67	4.11	12.8	0.69	0.06	0.67	2.76	4.02	0.18	0.22	0.75	F07 / F10	336.3	239.0	32.0
3"	2.99	5.00	6.00	7.50	7.99	6.43	0.67	4.39	12.8	0.75	0.06	0.67	2.76	4.02	0.18	0.22	0.75	F07 / F10	398.3	265.5	40.2
4"	3.94	6.19	7.50	9.02	9.02	7.71	0.91	5.59	12.8	0.96	0.06	0.87	4.02	4.92	0.22	0.26	0.75	F10 / F12	1150.6	690.4	64.6

unit: in

FOR ADDITIONAL SIZES SEE NEXT PAGE