

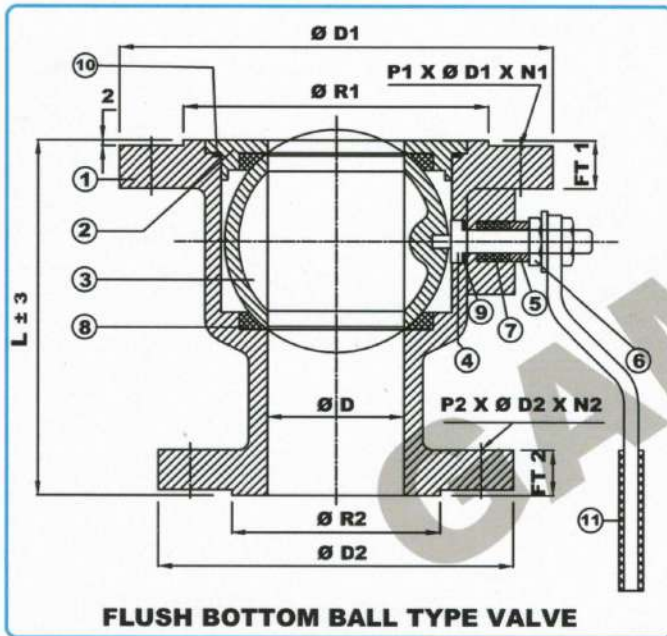


# CAST FLUSH BOTTOM VALVES



## **GAMA ENGINEERING WORKS**

**OUR QUALITY BUILDS CUSTOMERS CONFIDENCE & RELATIONS.**

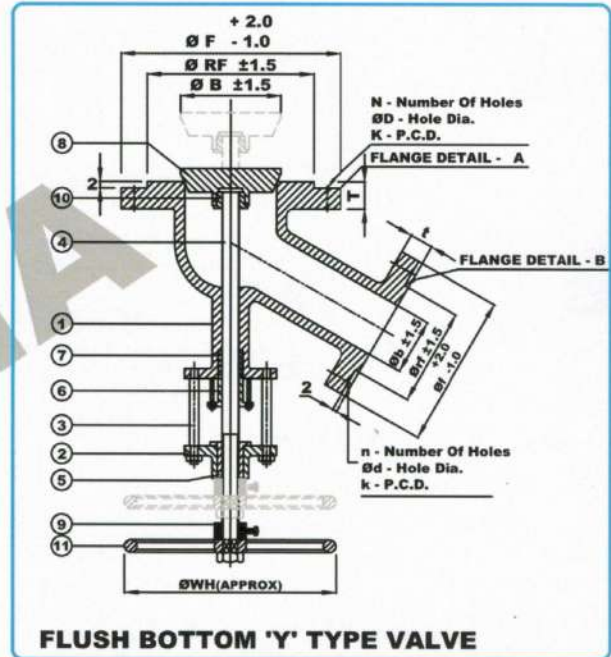


11	LEVER	SS 45° FROM C/L
10	BODY GASKET	PTFE / CFT / GFT
9	STEM SEAL	PTFE / CFT / GFT
8	SEAT	PTFE / CFT / GFT
7	GLAND PACKING	PTFE / CFT / GFT
6	GLAND NUT	S.S. 304 / 316
5	GLAND	S.S. 304 / 316 / 304 L / 316 L
4	STEM	S.S. 304 / 316 / 304 L / 316 L
3	BALL (HALLOW / SOLID)	ASTM A 351 GR. CF 8 / CF 8M / CF 3 / CF 3M
2	INSERT NUT	ASTM A 351 GR. CF 8 / CF 8M / CF 3 / CF 3M
1	BODY	ASTM A 351 GR. CF 8 / CF 8M / CF 3 / CF 3M
P. NO.	NOMENCLATURE	MATERIAL

SIZE	L	FT1	FT2	Ø D1	Ø D2	Ø R1	Ø R2	P1 x Ø D1 x N1	P2 x Ø D2 x N2	Ø D
25 x 40	90	16	12.7	125	110	73	51	98 x 16 x 4	79 x 16 x 4	25
40 x 50	95	18	16	150	125	92	73	121 x 19 x 4	98 x 16 x 4	38
50 x 80	110	22	18	190	150	127	92	152 x 19 x 4	121 x 19 x 4	50
80 x 100	146	22	22	230	190	157	127	191 x 19 x 8	152 x 19 x 4	76
100 x 150	190	24	22	280	230	216	157	241 x 22 x 8	191 x 19 x 8	101
150 x 200	292	27	24	345	280	270	216	299 x 22 x 8	241 x 22 x 8	152

TECHNICAL DATA:	
DESIGN STD.	BS 5351
RATING	150#
END CONNECTION	FLANGED ENDS to ASME B 16.5
INSPECTION & TESTING STD.	API 598

TEST PRESSURE - Kg / Cm <sup>2</sup>		
TESTING	BODY	SEAT
HYDRAULIC	30	22



11	HAND WHEEL	SG IRON / CAST IRON
10	DISC NUT	S.S. 304 / 316
9	LOCKING NUT	S.S. 304 / 316
8	DISC	S.S. 304 / 316 / 304 L / 316 L
7	GLAND PACKING	PTFE / CFT / GFT
6	GLAND	ASTM A 351 GR. CF 8 / CF 8M / CF 3 / CF 3M
5	STEM NUT	GUN METAL / S.G. IRON
4	STEM	S.S. 304 / 316 / 304 L / 316 L
3	PILLERS	S.S. 304 / 316 / 304 L / 316 L
2	BONNET BRIDGE	S.S. 304 / 316 / 304 L / 316 L
1	BODY	ASTM A 351 GR. CF 8 / CF 8M / CF 3 / CF 3M
SR. NO.	NOMENCLATURE	MATERIAL

ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED (FLANGE DETAIL - A)

SR. NO.	SIZE	Ø B	Ø F	T	Ø RF	N	Ø D	K	Ø WH
1	25 x 40	45	125	16	73	4	16	98	148
2	40 x 50	61	150	17.5	92	4	19	121	180
3	50 x 80	87	190	22	127	4	19	152	180
4	80 x 100	112	230	22	157	8	19	191	245
5	100 x 150	165	280	24	216	8	22	241	298
6	150 x 200	210	345	27	270	8	22	299	-

ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED (FLANGE DETAIL - B)

SR. NO.	SIZE	Ø b	Ø f	t	Ø rf	n	Ø d	k
1	25 x 40	24	110	12.5	51	4	16	79
2	40 x 50	37	125	16	73	4	16	98
3	50 x 80	49	150	17.5	92	4	19	121
4	80 x 100	75	190	22	127	4	19	152
5	100 x 150	98	230	22	157	8	19	191
6	150 x 200	148	280	24	216	8	22	241



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AN ISO 9001:2015 Certified Company.

49/98, Ashokpura, O/s. Shahpur Gate, Dudheshwar Road, Ahmedabad-380004.

Ph. (0) 079 - 25622479 | Web : [www.gewvalves.com](http://www.gewvalves.com) | E-mail : [sales.gewvalves@gmail.com](mailto:sales.gewvalves@gmail.com)

**FLUSH BOTTOM VALVES** Size 25mm to 200mm CLASS : 150 & 300

NOTES : 1.) OTHER MATERIAL LIKE ASTM A351 Gr. CF 3/CF 3M, HASTEALLOY 'C', (DUPLEX SS) ASTM A 890 Gr. 4A, 5A, 6A ARE ALSO AVAILABLE.  
2.) DEVELOPMENT IS CONTINUE, HENCE SPECIFICATION ARE SUBJECT TO CHANGE AT ANY TIME WITHOUT NOTICE.