

Fig no. GBF-150

1/2" - 12" (DN15- DN300)



Features:

Flexible wedge,
OS & Yoke design, Body Bolted type
Rising stem and handwheel
Yoke integral with bonnet, integral seat and back seat
For General Chemical and Industrial application

Standard Compliance :

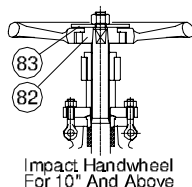
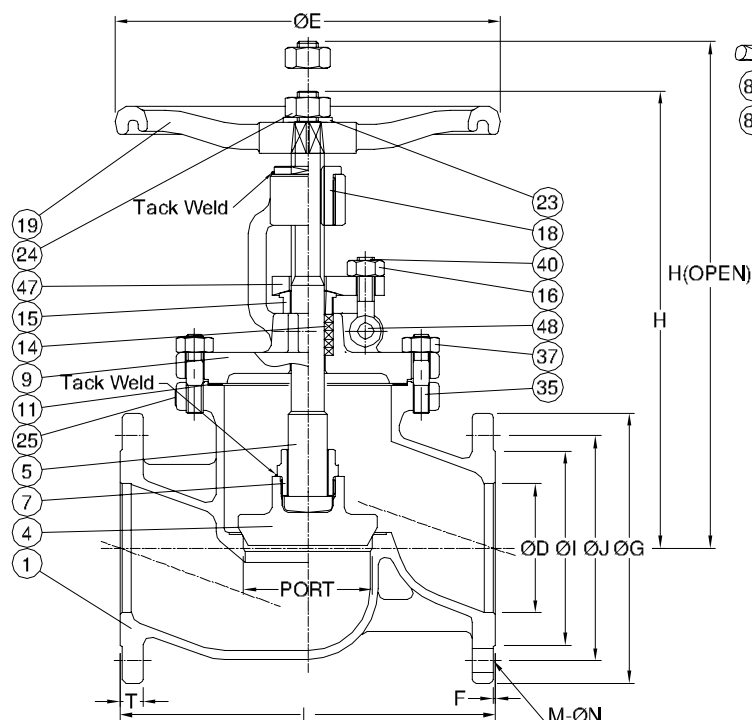
Design : API 603/ ANSI B16.34
Body wall thickness : ANSI B16.34
Face to face : ANSI B16.10 class 150
Flange dimension : ANSI B16.5 class 150 RF
Body material : A890 6A/ A351 CD3MWCuN
Pressure testing : EN 12266-1/ API 598

Specification :

End connection : Flange end
Working pressure : 290 psi (CWP)
Temperature : -20 ~ 180 C

Options :

1. Gasket/ stem packing to be Graphite
2. Gear box for 8" and above
3. Flange face smooth finished



MATERIALS LIST

NO.	NAME PARTS	MATERIALS
1	BODY	ASTM A890 Gr.6A
4	DISC	ASTM A890 Gr.6A (4" ABOVE) ASTM A479 Gr.S32750 (3" UNDER)
5	STEM	ASTM A479 Gr.S32750
7	DISC NUT	ASTM A890 Gr.6A (4" ABOVE) ASTM A479 Gr.S32750 (3" UNDER)
9	BONNET	ASTM A890 Gr.6A
11	GASKET	PTFE
14	PACKING	PTFE
15	GLAND	ASTM A479 Gr.S32750
16	EYE BOLT NUT	ASTM A194 Gr.8 (HEAVY)
18	YOKE SLEEVE	ASTM A439 Gr.D2C
19	HANDWHEEL	ASTM A536 DUCTILE IRON
23	SPRING WASHER	ANSI 304
24	HANDWHEEL NUT	ASTM A194 Gr.8
25	NAME PLATE	ASTM A666-304
35	BONNET STUD	ASTM A193 Gr.B8 CLASS 2
37	BONNET NUT	ASTM A194 Gr.8 (HEAVY)
40	EYE BOLT	ASTM A193 Gr.B8
47	GLAND FLANGE	ASTM A351 Gr.CF8
48	EYE BOLT PIN	ASTM A276-304
82	IMPACT BLOCK	ASTM A216-WCB (10" And Above)
83	IMPACT WASHER	ASTM A240-304 (10" And Above)

DIMENSIONS

SIZE	PORT	L	ØE	H	H _(Open)	ØG	ØJ	ØI	T	F	M	ØN	ØD
DN15	1/2"	15.0	108.0	100.0	158.0	170.5	89.0	60.5	35.0	9.7	1.6	4	15.7
DN20	3/4"	19.0	117.0	100.0	158.0	174.0	98.5	69.9	42.9	10.4	1.6	4	15.7
DN25	1"	24.0	127.0	100.0	165.0	183.5	108.0	79.4	50.8	11.2	1.6	4	15.7
DN40	1-1/2"	38.0	165.0	180.0	210.0	231.0	127.0	98.4	73.0	14.2	1.6	4	15.7
DN50	2"	49.0	203.0	180.0	225.0	246.0	152.5	120.7	92.0	15.7	1.6	4	19.1
DN65	2-1/2"	63.5	216.0	200.0	297.0	331.0	178.0	139.7	104.8	17.5	1.6	4	19.1
DN80	3"	76.0	241.0	250.0	344.0	379.0	190.5	152.4	127.0	19.1	1.6	4	19.1
DN100	4"	100.0	292.0	300.0	376.0	416.0	229.0	190.5	157.2	23.9	1.6	8	19.1
DN125	5"	127.0	356.0	400.0	412.5	455.5	254.0	215.9	185.7	23.9	1.6	8	22.4
DN150	6"	152.5	406.0	400.0	443.0	491.0	279.5	241.3	215.9	25.4	1.6	8	22.4
DN200	8"	203.0	495.0	450.0	565.0	634.0	343.0	298.5	269.9	28.4	1.6	8	22.4
DN250	10"	254.0	622.0	450.0	580.0	662.0	406.5	362.0	323.8	30.2	1.6	12	25.4
DN300	12"	305.0	698.0	560.0	600.0	750.0	482.5	431.8	381.0	31.8	1.6	8	25.4