

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 :

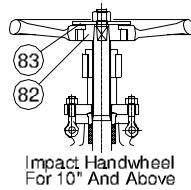
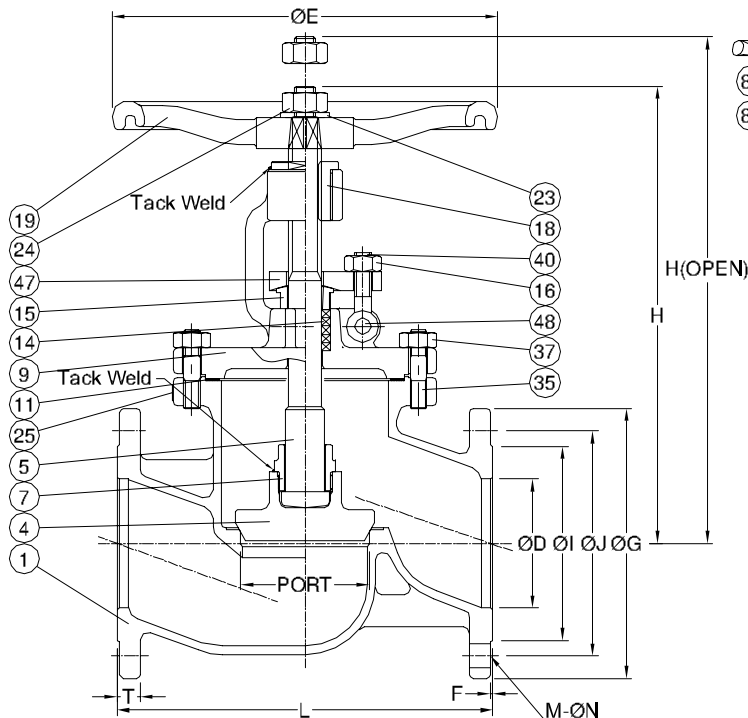
- Design : API 603/ ANSI B16.34
- Body wall thickness : ANSI B16.34
- Face to face : ANSI B16.10 class 150
- Flange dimension : ANSI B16.5 class 150 RF
- Body material : A351 CG8M
- Pressure testing : EN 12266-1/ API 598

Specification :

- End connection : Flange end
- Working pressure : 275 psi (CWP)
- Temperature : -20 ~ 180 C

Options :

- Gasket/ stem packing to be Graphite
- Gear box for 8" and above
- Flange face smooth finished



MATERIALS LIST

NO.	NAME PARTS	MATERIALS
1	BODY	ASTM A351-CG8M
4	DISC	ASTM A351-CG8M (4" Above) ASTM A276-317 (3" Under)
5	STEM	ASTM A276-317
7	DISC NUT	ASTM A351-CG8M (4" Above) ASTM A276-317 (3" Under)
9	BONNET	ASTM A351-CG8M
11	GASKET	PTFE.
14	PACKING	PTFE.
15	GLAND	ASTM A351-CG8M
16	EYE BOLT NUT	ASTM A194-8 (Heavy)
18	YOKE SLEEVE	ASTM A439-D2C
19	HANDWHEEL	ASTM A536 DUCTILE IRON
23	SPRING WASHER	ANSI 304
24	HANDWHEEL NUT	ASTM A194-8
25	NAME PLATE	ASTM A666-304
35	BONNET STUD	ASTM A193-B8 Class 2
37	BONNET NUT	ASTM A194-8 (Heavy)
40	EYE BOLT	ASTM A193-B8
47	GLAND FLANGE	ASTM A351-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(OOPEN)	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	15.0
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	19.1
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	25.4
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	38.1
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	50.8
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	63.5
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	79.0
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	101.6
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	127.0
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	152.5
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	203.0
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	254.0
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	305.0