

Fig no. GBF-300
1/2" - 4" (DN15- DN300)



Features:

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

Standard Compliance :

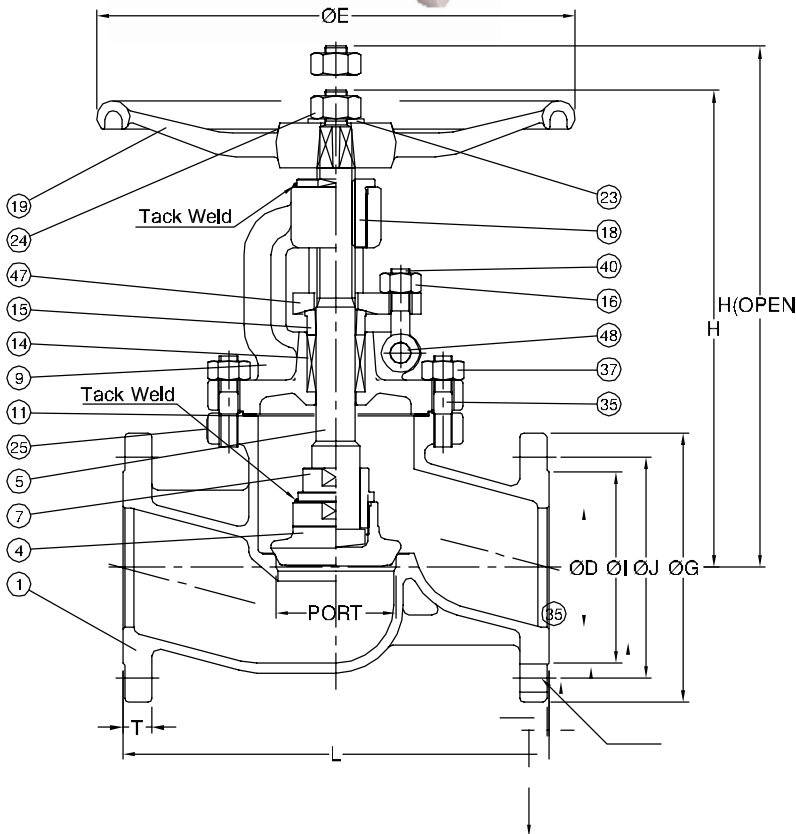
Design : API 603/ ANSI B16.34
Body wall thickness : ANSI B16.34
Face to face : ANSI B16.10 class 300
Flange dimension : ANSI B16.5 class 300 RF
Body material : A351 CG8M
Pressure testing : EN 12266-1/ API 598

Specification :

End connection : Flange end
Working pressure : 720 psi (CWP)
Temperature : -20 ~ 180 C

Options :

- 1. Gasket/ stem packing to be Graphite
- 2. Flange surface smooth finished



MATERIALS LIST

NO.	NAME PARTS	MATERIALS
1	BODY	ASTM A351 Gr.CG8M
4	DISC	ASTM A351 Gr.CG8M (3" ABOVE) ASTM A276 Gr.317 (2-1/2" UNDER)
5	STEM	ASTM A276 Gr.317
7	DISC NUT	ASTM A351 Gr.CN7M (4" ABOVE) ASTM A276 Gr.317 (3" UNDER)
9	BONNET	ASTM A351 Gr.CN7M
11	GASKET	S.S SPIRAL WOUND+PTFE.
14	PACKING	PTFE.
15	GLAND	ASTM A351 Gr.CG8M
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

DIMENSIONS

unit:mm

SIZE	PORT	L	ØE	H	H(OOPEN)	ØG	ØJ	ØI	T	F	M	ØN	ØD	
DN15	1/2"	15.0	152.4	100.1	172.0	184.9	95.3	66.5	35.1	9.7	1.6	4	15.9	15.0
DN20	3/4"	19.1	177.8	100.1	174.0	186.9	117.3	82.6	42.9	10.4	1.6	4	19.1	19.1
DN25	1"	24.1	203.2	150.1	211.1	230.1	124.0	88.9	50.8	11.2	1.6	4	19.1	25.4
DN40	1-1/2"	38.1	228.6	199.9	255.0	275.1	155.4	114.3	73.2	14.2	1.6	4	22.2	38.1
DN50	2"	23.6	266.7	199.9	257.0	277.9	165.1	127.0	91.9	15.7	1.6	8	19.1	50.8
DN65	2-1/2"	63.5	292.1	249.9	294.9	316.0	190.5	149.4	104.6	17.5	1.6	8	22.2	63.5
DN80	3"	76.2	317.5	300.0	315.0	360.9	209.6	168.1	127.0	19.1	1.6	8	22.2	79.0
DN100	4"	100.1	355.6	400.1	403.1	435.1	254.0	200.2	157.2	23.9	1.6	8	22.2	101.6