

Fig No:GBF-150 1/2"~10"
DN15~DN250

Features:

Conical seat design

Round Bonnet with Integral York.

Outside Screw and Yoke, Rising stem design

2" and larger integral Stellite seat face available for longer service life (option)

Seat face stellite, ground and lapped to a mirror finish, conical seat machined to 8 RMS

Body and Bonnet joint accurately machined, Full enclosed gasket

Standard compliance:

Valve design according to API 603, BS 1873

Shell wall Thickness according to ASME/ANSI B16.34 class 150

Pressure-temperature rating according to ASME/ANSI B16.34

Material according to ASTM

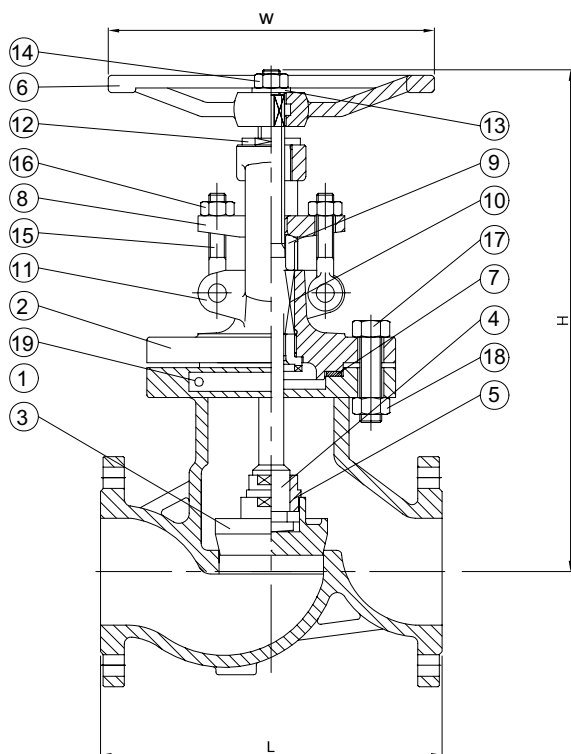
Face to Face according to ASME/ANSI B16.10 class 150 RF

End to end according to ASME/ANSI B16.10 class 150 BW

Flanged dimension according to ASME/ANSI B16.5 class 150 RF, Finish 125-250 AARH

Butt weld dimension according to ASME/ANSI B16.25

Pressure testing according to API 598



MATERIAL LIST

NO	PART NAME	MATERIAL
1	BODY	ASTM A351 GR.CF8M
2	BONNET	ASTM A351 GR.CF8M
3	DISC	ASTM A351 GR.CF8M
4	STEM	ASTM A182 GR.F316
5	DISC NUT	ASTM A276 GR.F316
6	HAND WHEEL	ASTM A536
7	GASKET	PTFE.
8	GLAND FLANGE	ASTM A351 GR.CF8
9	GLAND	ASTM A351 GR.CF8M
10	GLAND PACKING	PTFE.
11	EYE BOLT PIN	ASTM A276 GR304
12	STEM NUT	ASTM A439 GR D2
13	WASHER	ASTM A240A GR.304
14	WHEEL NUT	SS304
15	EYE BOLT	ASTM A193 GR.B8
16	EYE BOLT NUT	ASTM A194A GR.8
17	BONNET BOLT	ASTM A193 GR.B8
18	BONNET BOLT NUT	ASTM A194 GR.8
19	NAME PLATE	SS304

Other Materials Also Available On Requested

DIMENSIONS

unit:mm

SIZE	L	H	W
1/2"	108.0	190.0	90.0
3/4"	117.0	200.0	90.0
1"	127.0	220.0	100.0
1-1/2"	165.0	250.0	140.0
2"	203.0	319.0	200.0
2-1/2"	216.0	341.0	250.0
3"	241.0	380.0	300.0
4"	292.0	416.0	300.0
6"	406.0	535.0	400.0
8"	495.0	614.0	450.0
10"	622.0	735.0	550.0