CAST STEEL FLANGED GLOBE VALVES, ANSI CLASS 1500

Fig No:GBF-1500 *2"~16"*

DN50~DN400

Features:

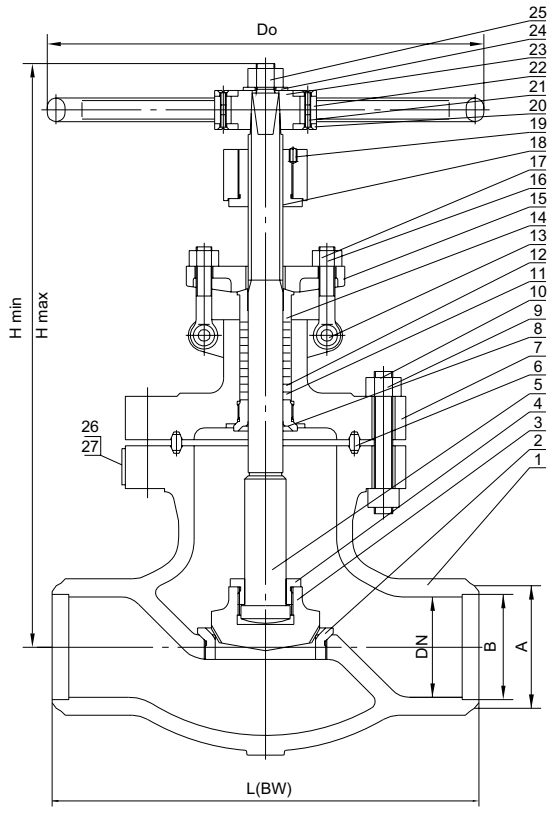
Conical seat design
Round Bonnet with Integral York.
Outside Screw and Yoke, Rising stem design
Seat face stellited,ground and lapped to a mirror finish,conical seat machined to 8 RMS
Universal Trim-13 Cr stem, wedge 13 Cr face and stellited seat API Trim 8 suitable for applications up to 850˚F (454˚C)
Body and Bonnet joint accurately machined, Full enclosed gasket

Sample Castings:

Before castings are released for production,the Modentic NDE inspector level,
evaluates and approves the submitted x-ray films (100% coverage) as per ASME B16.34 acceptance standard
Improves the internal integrity of castings (RT level 2 or better) at pattern approval

Standard compliance:

Valve design according to BS 1873
Shell wall Thickness according to BS 1873
Pressure-temperature rating according to ASME/ANSI B16.34
Material according to ASTM
Face to Face according to ASME/ANSI B16.10
End to end according to ASME/ANSI B16.10
Flanged dimension according to ASME/ANSI B16.5 class 1500 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 A216 GR.WCB
2	Seat Ring	ASTM A105+ HF Faced
3	DISC	ASTM A105 +410 Faced
4	DISC NUT	ASTM A276-420
5	Stem	ASTM A182-F6
6	Gasket	Ring Joint-Soft Iron
7	Bonnet	ASTM A216-WCB
8	Back Seat	ASTM A276-410
9	Bolt	ASTM A193-B7
10	Nut	ASTM A194-2H
11	Packing	Flexible Graphite
12	Packing	Braaided Graphite
13	Pin	CARBON STEEL
14	Gland	ASTM A26-410
15	Gland Flange	ASTM216-WCB
16	Eyebolt	ASTM A193-B7
17	Nut	ASTM A194-2H
18	Stem Nut	ASTM A439-D2
19	Screw	CARBON STEEL
20	Apron Plate	CARBON STEEL
21	Screw	CARBON STEEL
22	Handweel	ASTM A536(60-40-18)
23	Impact Plate	CARBON STEEL
24	Washer	CARBON STEEL
25	Handweel Nut	ASTM A194-2H
26	Name plate	304
27	Rivet	304

Other Materials Also Available On Requested

DIMENSIONS

unit:mm

SIZE	L	H	W
2"	368	520	350.0
3"	470	580	*
4"	546	650	*
6"	705	854	*
8"	832	1020	*
10"	991	1992	*

*Gear Operated