

Gate valves – bolted bonnet

Type

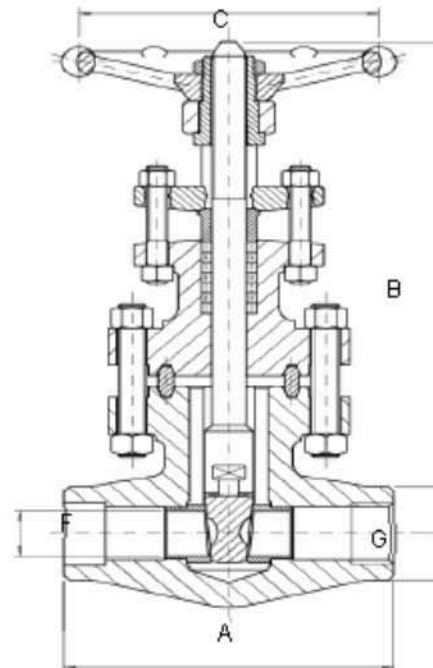
GA1500FBB2

Design construction:
BS 5352 ANSI B16.34 - NF M87.412

Socket weld Ends to ANSI B16.11
Screwed Ends (NPT) to ANSI B1.20.1
Butt welding Ends to ANSI B.16.25

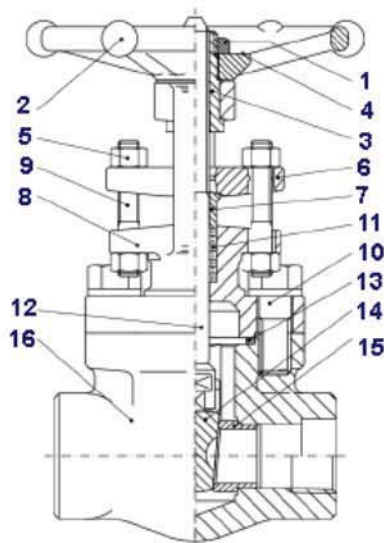
Outside Screw and Yoke (OS&Y)
Self aligning packing gland in two parts
Integral backseat
Oval ring joint gasket

Ratings standard class:
- carbon steel class 1500 3075 psig@100°F
255 bar + 38°C



FULL BORE - Type H9R 100				CLASS 1500			
size	inch	1/2	3/4	1	1,1/4	1,1/2	2
	mm	15	20	25	32	40	50
A		110	150	150	210	210	230
B open		233	289	293	357	366	451
C		138	138	138	172	172	234
F		14	18	24	29,5	36,6	48
G		38	55	55	75	75	92
WEIGHT Kg		5	9,2	9,2	20	20	36
FIGURE		H9R 103	H9R 104	H9R 105	H9R 106	H9R 107	H9R 108
PACKING		2B3	2B4/A	2B4/A	2B5	2B5	9B8
GASKET		R12	R17	R17	R20	R20	R24

For special execution see special features
For materials and testing pressure see technical data



TYPICAL GATE		
PART	NAME	MATERIALS
1	HAND/WHEEL NUT	CARBON STEEL
2	HAND/WHEEL	CARBON STEEL
3	YOKE SLEEVE	AISI 416
4	NAME PLATE	ALUMINUM
5	GLAND NUTS	ASTM A194-2H
6	GLAND FLANGE	ASTM A105
7	PACKING GLAND	AISI316
8	BONNET	ASTM A105N
9	GLAND STUDS	ASTM A193 B6
10	B/B BOLTS	ASTM A193 B7
11	PACKING GLAND	GRAPHITE
12	STEM	ASTM A479 410
13	B/B GASKET	F316L+GRAPHITE
14	WEDGE	ASTM A182 F6a
15	SEAT RINGS	ASTM A479 410
16	BODY	ASTM A105 N