



'Fluid control' the Complete solution from one source !

Universal Engineering

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FORGED STEEL GLOBE VALVE

CLASS 800, OS&Y TYPE, RISING SPINDLE & BOLTED BONNET

NOMENCLATURE		
NO	Description	Material
01	Body	ASTM A105/A 182 F304/F304L/F316/F316L
02	Seat Ring	AISI 410 (13% CR)/A 182 F304/F304L/F316/F316L
03	Plug	AISI 410 (13% CR) / A 182 F304/F304L / F316/F316L
04	Gasket	SS 304 SPIRAL WOUND + Graphite
05	Bonnet	ASTM A105/A 182 F304/F304L/F316/F316L
06	Spindle	AISI 410 (13% CR) / A182 F304/F304L / F316/F316L
07	Bolt	A 193 B7/B8/B8M
08	Gland Packing	Graphite (Pure + Braided)
09	Screw Pin	MS Galvanized / AISI 202
10	Washer	MS Galvanized / AISI 202
11	Gland Bush	AISI 410 (13% CR)/A 182 F304/F304L / F316/F316L
12	Gland Flange	ASTM A105/A 182 F304/F304L/F316/F316L
13	Eyebolt Nut	CARBON STEEL
14	Eyebolt	CARBON STEEL
15	Spindle Bush	CARBON STEEL
16	Handwheel	Ductile Iron/Malleable Iron
17	Locknut	CARBON STEEL

TECHNICAL DETAILS

Pressure Rating : 800#

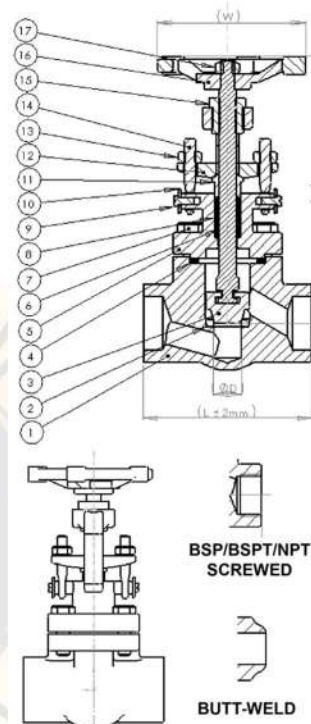
End Connection : Socket-weld Ends / Screwed Ends /
Butt-weld Ends

Socket-weld Ends : As per ANSI B 16.11

Screwed Ends : As per ANSI B1.20.1

Butt-weld Ends : As per ANSI B 16.25

End to End : Manufacturers Standard



DESIGN STANDARD: API 602 / BS 5352

DIMENSIONS

SIZE	ØD	L	H	W
15	12	90	163	95
20	12	93	165	95
25	18	108	175	95
32	28	128	210	140
40	28	128	210	140
50	36	145	260	140

FEATURES

- Deep stuffing box with Lantern Ring option
- Graphite Rings Ensure effective Stem Sealing
- Self Aligning two piece gland
- Seat and Plug Stellite Hard Face (Optional)

TESTING STANDARD: API 598

TEST PRESSURE				
TEST	HYDROSTATIC		PNEUMATIC	
	PSIG	KG/CM ²	PSIG	KG/CM ²
SHELL	3000	211	-	-
SEAT	2000	142	80	6
BACKSEAT	2000	142	-	-

