

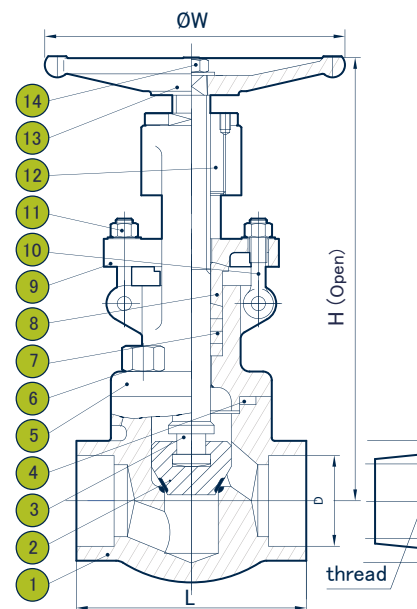
Forged Steel Globe Valves, Threaded & Socket-welding End, CLASS 800 (PN 130)

Forged steel
globe valve

Class 800 (PN 130)
Full Port/Standard Port
ASME CLASS 800: 1975 psi@100°F
(136.2 bar@38°C)

Features

- Meets API 602 required wall thickness / ASME B16.34
- Spiral wound gasket with SS304 / graphite or SS316 / graphite
- Loose disc
- Outside screw & yoke (OS&Y)
- Two-piece self-aligning gland
- Compact and sturdy designs for high pressure-temperature service
- Replacement of handwheel without affecting the position of the disc



Globe Valve

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Component and Common Materials				
NO.	PARTS NAME	MATERIALS		
1	Body	A 105	A 182-F304	A 182-F316
2	Disc Ring	13Cr	A 182-F304+STL	A 182-F316+STL
3	Stem	A 276-410	A 182-F304	A 182-F316
4	Gasket	SS304 & Graphite	SS316 & Graphite	
5	Bonnet	A 105	A 182-F304	A 182-F316
6	Bonnet Bolt	A 193-B7		A 193-B8
7	Stem Packing	Reinforced Graphite		
8	Gland	A 276-410	A 182-F304	A 182-F316
9	Gland Flange	A 216-WCB	A 105	A 182-F304
10	Gland Eyebolt	A 193-B7		A 193-B8
11	Gland Nut	A 194-2H		A 193-B8
12	Stem Nut	A 108-1020		A 276-410
13	HandWheel	A 197		
14	H.W.Lock Nut	A 194-2H		A 193-B8

* Enclosed is a condensed table. For complete options, contact DIE ERSTE directly.

Nominal diameter	Standard Port	mm(in)	8(1/4)	10(3/8)	15(1/2)	20(3/4)	25(1)	32(1 1/4)	40(11/2)	50(2)	
	Full port	mm(in)	-	-	10(3/8)	15(1/2)	20(3/4)	25(1)	32(11/4)	40(11/2)	
D	mm	8(0.31)	10(0.39)	10(0.39)	13(0.51)	18(0.71)	23(0.91)	28.5(1.12)	33(1.30)	43(1.69)	
L	mm	79(3.11)	79(3.11)	79(3.11)	92(3.62)	111(4.37)	120(4.72)	152(5.98)	172(6.77)	220(8.66)	
H (Open)	mm	166(6.54)	166(6.54)	166(6.54)	175(6.89)	206(8.11)	228(8.98)	262(10.31)	300(11.81)	340(13.39)	
W	mm	100(3.94)	100(3.94)	100(3.94)	100(3.94)	125(4.92)	160(6.30)	160(6.30)	180(7.09)	240(9.45)	
Weight	B.B	kg	2.6	2.5	2.4	2.6	4.5	5.9	8.3	12.4	20
	W.B	kg	-	-	2.5	2.7	4.7	6.1	8.5	12.6	20.4

Selection
 Connection:
 Threaded End/Socket-welding End
 Thread Type:
 NPT/BSPT/DIN
 OS&Y Type:
 Bolted Bonnet/Welded Bonnet
 Material of the Body/Bonnet:
 A105/F316/F316L/F304/F304L/F11/F22