

Forged Steel Y-Pattern Globe Valves, Threaded & Socket-welding End, **CLASS 800**

Features

- Meets API 602 required wall thickness / ASME B16.34
- Loose hard-faced disc
- Outside screw & yoke (OS&Y)
- Two-piece self-aligning gland
- Integral hard-faced seat
- Compact and sturdy designs for high pressure-temperature service

Class 800 (PN 130)

Standard Port

ASME CLASS 800: 1975 psi@100°F

(136.2 bar@38°C)

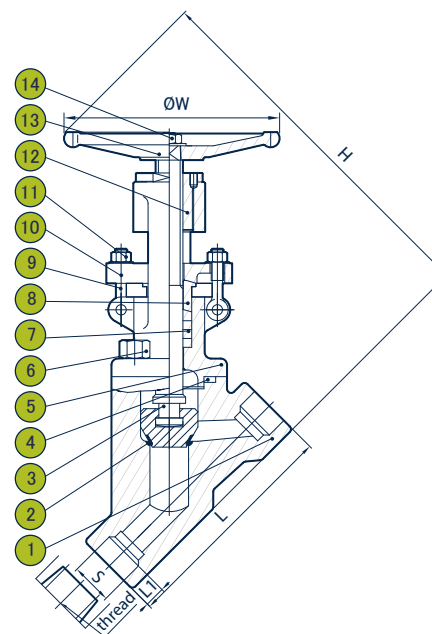
Forged steel
globe valve



Globe Valve

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		316 & 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 Eyebolt	A 193-B7		A 193-B8
10	Gland Flange	A 276-WCB	A 105	A 182-F304
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 PVS FLOW CONTROL directly.				

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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

Nominal diameter	mm(in)	10(3/8)	15(1/2)	20(3/4)	25(1)	32(11/4)	40(11/2)	50(2)
D	mm(in)	7(0.28)	11(0.43)	13(0.51)	18(0.71)	23(0.91)	28(1.10)	33(1.30)
L	mm(in)	98(3.86)	98(3.86)	98(3.86)	120(4.72)	140(5.51)	140(5.51)	170(6.69)
H (Open)	mm(in)	240(9.45)	240(9.45)	240(9.45)	290(11.42)	302(11.89)	368(14.49)	370(14.57)
W	mm(in)	100(3.94)	100(3.94)	100(3.94)	125(4.92)	160(6.30)	160(6.30)	180(6.30)
Weight	kg	4.6	4.6	4.6	7.6	9.8	13.7	14