

Forged Steel Y-Pattern Pressure Seal Globe Valves, Threaded & Socket-welding End, CLASS 1500/2500 (PN 260/420)

Features

- The higher the internal pressure, the greater the sealing forces
- 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 1500 (PN 260)
Standard Port
ASME CLASS 1500: 3705 psi@100°F
(255.5 bar@38°C)

Class 2500 (PN 420)
Standard Port
ASME CLASS 2500: 6250 psi@100°F
(431.0 bar@38°C)

Forged steel
globe valve

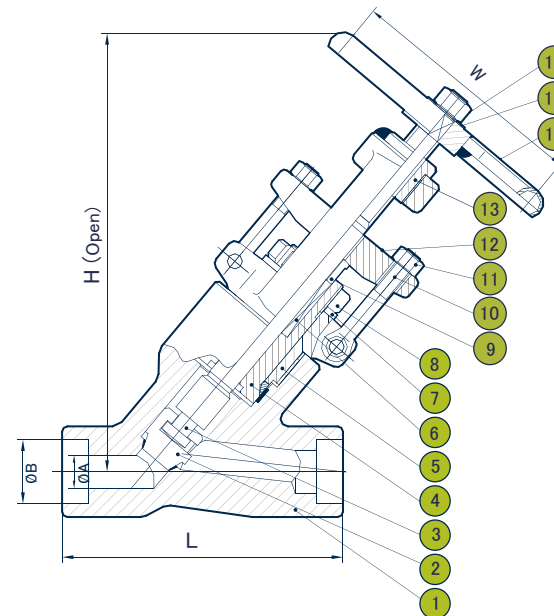


Globe Valve

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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	Sealing Seat	A 105	A 182-F304	A 182-F316
5	Bonnet	A 105	A 182-F304	A 182-F316
7	Stem Packing	SS304 & Graphite	SS316 & Graphite	
8	Sleeve Washer	A 276-410	A 182-F304	A 182-F316
9	P.S.Lock Nut	AISI 1035		
10	Gland	A 276-410	A 182-F304	A 182-F316
11	Gland Eyebolt	A 193-B7		A 193-B8
12	Gland Nut	A 194-2H		A 193-B8
13	Gland Flange	A 216-WCB	A 105	A 183-F304
14	Stem Nut	A 108-1020		A 276-410
15	Handwheel	A 197		
16	Name Plate	Aluminum		
17	H.W.Lock Nut	A 194-2H		A 183-B8

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



Selection
Connection:
Threaded End/Socket-welding End
Thread Type:
NPT/BSPT/DIN
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(1 1/4)	40(1 1/2)	50(2)
D	mm(in)	9(0.35)	11(0.43)	14(0.55)	19(0.75)	25(0.98)	28(1.10)	35(1.38)
L	mm(in)	186(7.32)	186(7.32)	186(7.32)	186(7.32)	232(9.13)	232(9.13)	310(12.20)
H (Open)	mm(in)	333(13.11)	333(13.11)	333(13.11)	333(13.11)	406(15.98)	406(15.98)	524(20.63)
W	mm(in)	200(7.87)	200(7.87)	200(7.87)	200(7.87)	280(11.02)	280(11.02)	300(11.81)
Weight	kg	12.3	12.3	11.6	10.8	28	26.4	43.8