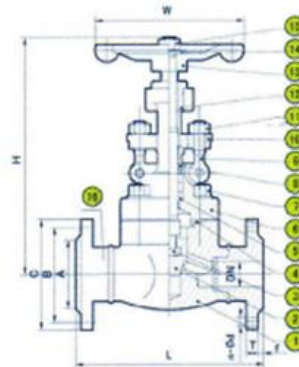


Features

- Flanges conform to ASME Standard B16.5 and end-to-end dimensions conform to ASME Standard B16.10
- Meets API 602 required wall thickness / ASME B16.34
- Spiral wound gasket with 304 SS/graphite or 316 SS/graphite
- Loose disc
- Outside screw & yoke (OS&Y)
- Two-piece self-aligning gland
- Compact but sturdy designs for high pressure-temperature service
- Replacement of hand-wheel without affecting the position of disc

Forged Steel Globe Valves, Flanged End, CLASS 150/300/600 (PN 20/50/110)



Class 150 (PN 20)
Standard Part
ASME CLASS 150: 285 psi@100 F
(19.7 bar@38°C)

Class 300 (PN 50)
Standard Part
ASME CLASS 300: 740 psi@100 F
(51.0 bar@38°C)

Class 600 (PN 110)
Standard Part
ASME CLASS 600: 1480 psi@100 F
(102.1 bar@38°C)

Forged steel
globe valve



15

Selection

Connection:
Raised Face/Ring-Type Joint
OS&Y Type:
Bolted Bonnet/Welded Bonnet
Material of the Body/Bonnet:
A105/F316/F316L/F304/F304L/F11/F22

Component and Common Materials

NO.	PARTS NAME	MATERIALS		
1	Body	A 105	A 182-F304	A 182-F316
2	Disc Ring	13C7	A 182-F304-STL	A 182-F316-STL
3	Stem	A 278-410	A 182-F304	A 182-F316
4	Gasket	SS304 & Graphite	SS316 & Graphite	
5	Stem Packing	Reinforced Graphite		
6	Bonnet	A 105	A 182-F304	A 182-F316
7	Bonnet Bolt	A 193-B7	A 193-B8	
8	Gland	A 278-410	A 182-F304	A 182-F316
9	Gland Eyebolt	A 193-B7	A 193-B8	
10	Gland Flange	A 216-WCB	A 105	A 182-F304
11	Gland Nut	A 194-2H	A 194-B8	
12	Stem Nut	A 106-1020	A 278-410	
13	HandWheel	A 197		
14	Name Plate	Aluminum		
15	H W Lock Nut	A 194-2H	A 193-B8	
16	Welded Flange	A 105	A 182-F304	A 182-F316

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

Nominal diameter		mm(in)	150(LB)	300(LB)	25(1)	30(1/4)	40(1 1/2)	50(2)
L	D	mm(in)	150(3.9)	12.75(0.50)	17.5(0.69)	23(0.91)	28(1.10)	33(1.30)
	CL150	mm(in)	108(4.25)	117(4.61)	127(5.00)	140(5.51)	168(6.60)	203(7.99)
	CL300	mm(in)	152(5.98)	178(7.01)	203(7.99)	216(8.50)	229(9.02)	257(10.11)
H	CL500	mm(in)	165(6.50)	192(7.48)	216(8.50)	229(9.02)	241(9.49)	252(11.50)
	CL150	mm(in)	190(7.48)	195(7.68)	200(7.87)	245(9.65)	262(10.31)	300(11.81)
	CL300-500	mm(in)	165(6.50)	178(7.01)	203(7.99)	216(8.50)	229(9.02)	257(10.11)
Weight	W	mm(in)	100(3.94)	100(3.94)	125(4.92)	132(5.20)	160(6.30)	182(7.17)
	CL 150	kg	4	5.1	7.6	11	12.5	20.3
	CL300	kg	4.8	6.2	9.3	14	15.5	23.4
	CL600	kg	5.9	7.4	10.4	16.2	17.5	28.3

* Note that the raised-face (RF) flanged end connection is adopted while the pressure rating is under CLASS 600.
Please ask your DE ERSTE sales for different requirements.

DE ERSTE reserves the right to change product design and specifications without notice.
 Copyright © 2005 by DE ERSTE (SIC) S.A. Chile