

MODEL : C-004 CF8 / SS-304
C-005 CF8M / SS-316
C-004L CF3 / SS-304L
C-005L CF3M / SS-316L



Specification

- Design : ANSI B16.34 / DIN 3356
- Face to Face : JIS B2002 / ANSI B16.10 / DIN 3202 F1
- End Flange : JIS B2210 / ANSI B16.5 RF / DIN 2532

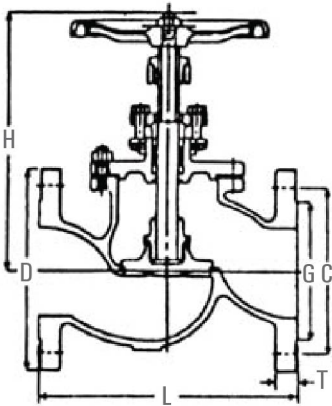
Features

- Bolted Bonnet
- Outside Screw and Yoke
- Rising Stem and Handwheel
- Yoke Integral with Bonnet

Test Pressure

Shell (By Water)	450 PSI
	32 kgf/cm ²
Seat	By Water
	By Air
	315 PSI
	22 kgf/cm ²
	80 PSI
	6 kgf/cm ²

Material



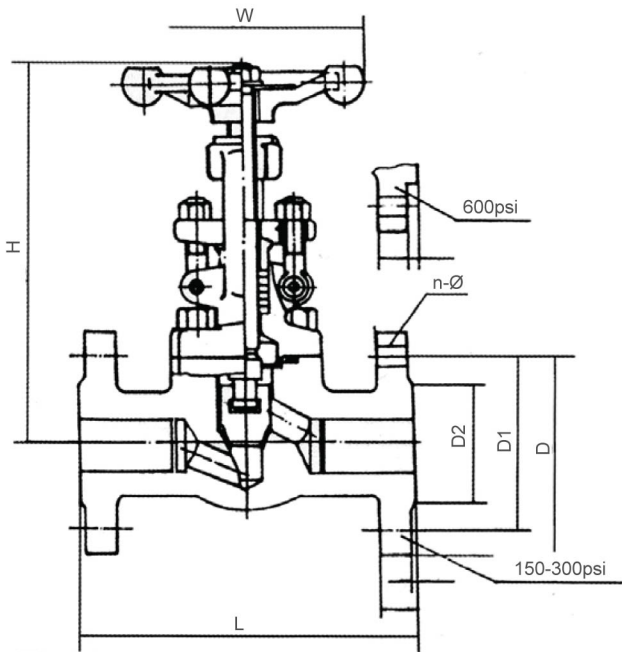
Part Name	Material		
	SS304	SS316	SS304L / SS316L
Body	SCS13 / A351 CF8	SCS14 / A351 CF8M	A351 CF3 / A351 CF3M
Bonnet	SCS13 / A351 CF8	SCS14 / A351 CF8M	A351 CF3 / A351 CF3M
Stem	AISI 304	AISI 316	AISI 304L / AISI 316L
Disc	SCS13 / A351 CF8	SCS14 / A351 CF8M	A351 CF3 / A351 CF3M
Gland	SCS13 / A351 CF8	SCS14 / A351 CF8M	A351 CF3 / A351 CF3M
Gland Packing	PTFE / Grafoil		
Gland Flange	SCS13 / A351 CF8	SCS14 / A351 CF8M	A351 CF3 / A351 CF3M
Handwheel	Ductile Iron		
Gasket	PTFE		
Bonnet Bolt/Nut	ASTM A194 B8		
Gland Bolt/Nut	ASTM A194 B8		
Yoke Bush	ASTM CF8		

Dimensions

Size	L			H		D					
	10K/150LB	20K/300LB	PN16/25	10K/150LB/PN16	20K/300LB/PN25	10K	150LB	PN16	20K	300LB	PN25
1/2"	15	108	152	130	185	95	90	95	95	95	95
3/4"	20	117	178	150	195	100	98	105	100	117	105
1"	25	127	203	160	205	125	108	115	125	123	115
1 1/4"	32	140	216	180	240	135	117	140	135	133	140
1 1/2"	40	165	229	200	240	140	127	150	140	156	150
2"	50	203	267	230	250	155	152	165	155	165	165
2 1/2"	65	216	292	290	270	175	178	186	175	190	185
3"	80	241	318	310	290	185	190	200	200	210	200
4"	100	292	356	350	350	210	229	220	225	254	235
5"	125	356	400	400	410	250	254	250	270	279	270
6"	150	406	444	480	520	280	279	285	305	318	300
8"	200	495	559	600	570	330	342	340	350	381	360
10"	250	622	622	730	670	400	406	405	430	444	425
12"	300	698	711	850	736	445	482	460	480	521	485

MODEL: 680 FA / 680 FK

Forged Steel Globe Valve Class ANSI 150 / 300 / 600
JIS 10K / 16K / 20K / 30K / 40K



Specification

- End flange dimensions : JIS B2239 / ASME / ANSI B16.5
- Bolt bonnet, outside screw and yoke (OS&Y)
- Rising stem
- Face to face : ANSI B16.10

Design : API 602 & ASME/ANSI B16.34

Test : API 598

Note:

- Body material: 316, F11, F22, F304, F304L, F316, F316L, LF2 also available.
- Socket weld ends on request.
- Welded bonnet available.
- Trim No. 1,2,5,8,9,10,12,13,16,20 on request

Material

No.	Part Name	Material
1	Seat Ring	F6+Stellited
2	Gate	F6/13Cr
3	Stem	F6/13Cr
4	Packing	Graphite
5	Gland	F6/13Cr
6	Stem Nut	A439 D2
7	Lock Nut	Carbon Steel
8	Handwheel	Ductile Iron
9	Set Screw	304
10	Eye Bolt/Nut	B8/8
11	Gland Flange	SS304
12	Bolt	B8
13	Bonnet	A105N
14	Body	A105N

Dimensions

mm

Nominal diameter	15 (1/2")	20 (3/4")	25 (1")	32 (1-1/4")	40 (1-1/2")	50 (2")
d	10	13	17	23	30	37
L : Class 10K/16K/20K/ANSI 150#	152	178	203	216	229	267
L : Class 30K/ANSI 300#	152	178	203	216	229	267
L : Class 40K/ANSI 600#	165	190	216	229	241	292
H (Open)	176	176	212	230	254	294
W	100	100	125	160	160	180
D1 (10K/16K/20K/ANSI 150#)	70/60.3	75/70	90/79.4	100/89	105/98.4	120/120.6
D1 (30K/ANSI 300#)	80/66.7	85/82.5	95/88.9	105/98.4	120/114.3	130/127
D1 (40K/ANSI 600#)	80/66.7	85/82.5	95/88.9	105/98.4	120/114.3	130/127
D, D2, b, n-Ø	As per flanged standard					