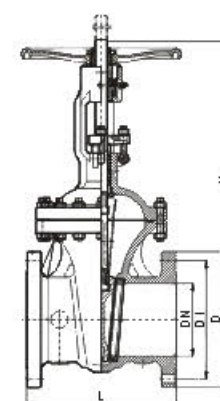


ANSI/API PRODUCTS

STEEL VALVE SERIES

API Gate Valve



Main Parts and Materials

Parts Name	Material
Body, Bonnet, Disc	A216 WCB / A217 WC6 / A217 WC9 / A352 LCB / A352 LCC / A352 LC1 A351 CF3 / A351 CF3M / A351 CF8 / A351 CF8M
Stem	A182 F6 / A182 F304 / A182 F316 / A182 F304L / A182 F316L
Seat ring	A105+13Cr, A105+STL, A351 CF8, A351 CF8M
Disc Ring	13Cr, STL, A351 CF8, CF8M

Standards

Design and Manufacture	Face to face	Flange End	Inspection	Pressure-Temp Rating
API600, ANSI B16.34	ANSI B16.10	ANSI B16.5	API 598	ANSI B16.34

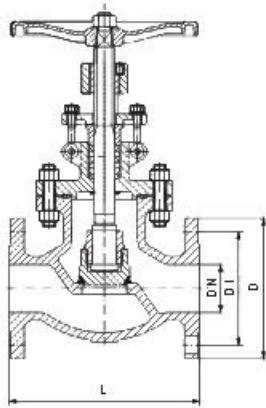
Test Pressure

Test Item	Shell Test	Seat Test	Back Seat Test	Air Seal Test
Medium (MPa)	Water (MPa)			Air (MPa)
Pressure (Class)	150	3.1	2.2	0.5-0.7
	300	7.8	5.6	
	600	15.3	11.2	
	900	23.1	16.8	

Dimensions

Z40/540/940H/W/Y-150Lb					Z40/540/940H/W/Y-300Lb					Z40/540/940H/W/Y-600Lb					Z40/540/940H/W/Y-900Lb				
Inch	DN	L	D	D1	Inch	DN	L	D	D1	Inch	DN	L	D	D1	Inch	DN	L	D	D1
1 1/2"	40	165	127	98.6	1 1/2"	40	190	156	114.3	1 1/2"	40	241	156	114.3	1 1/2"	40	305	178	123.8
2"	50	178	152	120.7	2"	50	216	165	127	2"	50	292	165	127	2"	50	368	216	165.1
2 1/2"	65	190	177.8	139.7	2 1/2"	65	241	190.5	149.4	2 1/2"	65	330	190.5	149.4	2 1/2"	65	419	244	190.5
3"	80	203	190.5	152.4	3"	80	283	210	168.2	3"	80	356	210	168.2	3"	80	381	241	190.5
4"	100	229	229	190.5	4"	100	305	254	200.2	4"	100	432	273	216	4"	100	457	292	234.9
5"	125	254	254	216	5"	125	381	279	235	5"	125	508	330	266.7	5"	150	610	381	317.5
6"	150	267	279	241.3	6"	150	403	318	270	6"	150	559	356	292	6"	200	737	470	393.7
8"	200	292	343	298.5	8"	200	419	381	330	8"	200	660	419	349	10"	250	838	545	469.9
10"	250	330	406	362	10"	250	457	445	387.5	10"	250	787	508	432	12"	300	965	610	533.4
12"	300	356	483	432	12"	300	502	521	451	12"	300	838	559	489	14"	350	1029	640	558.8
14"	350	381	533	476.3	14"	350	762	584	514.5	14"	350	889	603	527	16"	400	1130	705	615.9
16"	400	406	597	540	16"	400	838	648	571.5	16"	400	991	686	603					
18"	450	432	635	578	18"	450	914	711	628.7	18"	450	1092	743	654					
20"	500	457	598.5	635	20"	500	991	775	685.8	20"	500	1194	813	724					
24"	600	508	813	749.3	24"	600	1143	914.4	812.8	24"	600	1397	940	838					
26"	650	559	870	806	26"	650	1245	972	876										
28"	700	610	927	863	28"	700	1346	1035	939.8										
30"	750	610	984	914.4															
32"	800	660	1060.5	978															
36"	900	711	1168	1086															

API Globe Valve



Main Parts and Materials

Parts Name	Material
Body, Bonnet, Disc	A216 WCB / A217 WC6 / A217 WC9 / A352 LCB / A352 LCC / A352 LC1 A351 CF3 / A351 CF3M / A351 CF8 / A351 CF8M
Stem	A182 F6 / A182 F 304 / A182 F316 / A182 F304L / A182 F316L
Seating	A105+13Cr, A105+STL, A351 CF8, A351 CF8M
Disc Ring	13Cr, STL, A351 CF8, CF8M

Standards

Design and Manufacture	Face to face	Flange End	Inspection	Pressure-Temp Rating
BS1873, ANSI B16.34	ANSI B16.10	ANSI B16.5	API 598	ANSI B16.34

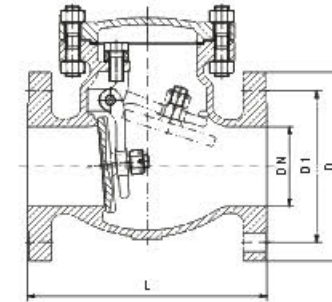
Test Pressure

Test Item	Shell Test	Seal Test	Back Seal Test	Air Seal Test
Medium (MPa)	Water (MPa)			Air (MPa)
Pressure (Class)	150	3.1	2.2	0.5-0.7
	300	7.8	5.6	
	600	15.3	11.2	
	900	23.1	16.8	

Dimensions

J41/541/941H/W/Y-150Lb					J41/541/941H/W/Y-300Lb					J41/541/941H/W/Y-600Lb					J41/541/941H/W/Y-900Lb				
Inch	DN	L	D	D ₁	Inch	DN	L	D	D ₁	Inch	DN	L	D	D ₁	Inch	DN	L	D	D ₁
1 1/2	40	165	127	98.6	1 1/2	40	229	156	114.3	1 1/2	40	241	156	114.3	1 1/2	40	305	178	123.8
2	50	203	152	120.7	2	50	267	165	127	2	50	292	165	127	2	50	368	216	165.1
2 1/2	65	216	177.8	139.7	2 1/2	65	292	190.5	149.4	2 1/2	65	330	190.5	149.4	2 1/2	65	419	244	190.5
3	80	241	190.5	152.4	3	80	318	210	168.2	3	80	356	210	168.2	3	80	381	241	190.5
4	100	292	229	190.5	4	100	356	254	200.2	4	100	432	273	216	4	100	457	292	234.9
5	125	356	254	216	5	125	400	279	235	5	125	508	330	266.7	5	125	559	349	279.4
6	150	406	279	241.3	6	150	444	318	270	6	150	559	356	292	6	150	610	381	317.5
8	200	495	343	298.5	8	200	559	381	330	8	200	660	419	349	8	200	737	470	393.7
10	250	622	406	362	10	250	622	445	387.5	10	250	787	508	432	10	250	838	545	469.9
12	300	698	483	432	12	300	711	521	451	12	300	838	559	489					
14	350	787	533	476.3	14	350	762	584	514.5										
16	400	914	597	540	16	400	864	648	571.5										

ANSI Swing Check Valve



Main Parts and Materials

Parts Name	Material
Body, Bonnet, Disc	A216 WCB / A217 WC6 / A217 WC9 / A352 LCB / A352 LCC / A352 LC1 A351 CF3 / A351 CF3M / A351 CF8 / A351 CF8M
Stem	A182 F6 / A182 F 304 / A182 F316 / A182 F304L / A182 F316L
Seating	A105+13Cr, A105+STL, A351 CF8, A351 CF8M
Disc Ring	13Cr, STL, A351 CF8, CF8M

Standards

Design and Manufacture	Face to face	Flange End	Inspection	Pressure-Temp Rating
BS1868, ANSI B16.34	ANSI B16.10	ANSI B16.5	API 598	ANSI B16.34

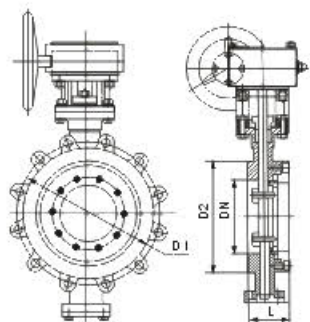
Test Pressure

Test Item	Shell Test	Seal Test	Back Seal Test	Air Seal Test
Medium (MPa)	Water (MPa)			Air (MPa)
Pressure (Class)	150	3.1	2.2	0.5-0.7
	300	7.8	5.6	
	600	15.3	11.2	

Dimensions

H44H/W/Y-150Lb					H44H/W/Y-300Lb					H44H/W/Y-600Lb				
Inch	DN	L	D	D ₁	Inch	DN	L	D	D ₁	Inch	DN	L	D	D ₁
2	50	203	152	120.7	2	50	267	165	127	2	50	292	165	127
2 1/2	65	216	177.8	139.7	2 1/2	65	292	190.5	149.4	2 1/2	65	330	190.5	149.4
3	80	241	190.5	152.4	3	80	318	210	168.2	3	80	35	210	168.2
4	100	292	229	190.5	4	100	356	254	200.2	4	100	432	273	216
5	125	330	254	216	5	125	400	279	235	5	125	508	330	266.7
6	150	256	279	241.3	6	150	444	318	270	6	150	559	356	292
8	200	495	343	298.5	8	200	533	381	330	8	200	660	419	349
10	250	622	406	362	10	350	622	445	387.5	10	250	787	508	432
12	300	698	483	432	12	300	711	521	451	12	300	838	559	489
14	350	787	533	476.3	14	350	838	584	514.5	14	350	889	603	527
16	400	864	597	540	16	400	864	648	571.5	16	400	991	686	603
18	450	978	635	578	18	450	978	711	628.7	18	450	1092	743	654
20	500	978	698.5	635	20	500	1016	775	685.8	20	500	1194	855	724
24	600	1295	813	749.3	24	600	1346	914.4	812.8	24	600	1397	1040	838
28	700	1448	927	863.6	28	700	1499	1035	939.8					
30	800	1524	984	914.4	30	800	1594	1092	997					

ANSI Butterfly Valve



Main Parts and Materials

Parts Name	Material
Body, Bonnet, Disc	A216 WCB / A217 WC6 / A217 WC9 / A352 LCB / A352 LCC / A352 LC1 A351 CF3 / A351 CF3M / A351 CF8 / A351 CF8M
Stem	304, 316, 2Cr13, 1Cr18Ni9Ti
Seal Ring	304, 316, Alloy, PTFE

Standards

Design and Manufacture	Face to face	Flange End	Inspection
API609	ANSI B16.10	ANSI B16.5	API 598

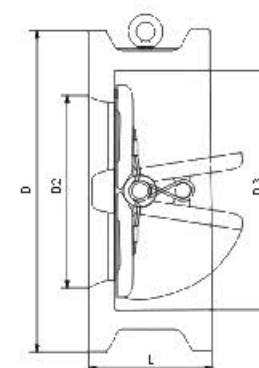
Test Pressure

Nominal Diameter (MPa)	Nominal Pressure (MPa)	Test Pressure Ps(MPa)		Applicable Temperature
Inch	Class	Shell Test	Seal Test	-29~425℃
2"~36"	150Lb	3.0	2.2	
	300Lb	7.5	5.5	

Dimensions

BVL-150LB					BVL-300LB				
DN	L	D1	D2		DN	L	D1	D2	
Inch	mm	mm	mm		inch	mm	mm	mm	
2"	50	43	120.5	92	2"	50	43	127	92
2 1/2"	65	46	139.5	105		65	46	149	105
3"	80	48	152.5	127	2 3/4"	80	48	168	127
4"	100	54	190.5	157	4"	100	54	200	157
5"	125	56	216	16	5"	125	56	235	186
6"	150	57	241.5	216	6"	150	59	270	216
8"	200	64	298.5	270	8"	200	72	330	270
10"	250	71	362	324	10"	250	83	387	324
12"	300	81	432	381	12"	300	92	451	384
14"	350	92	476	413	14"	350	117	514	413
16"	400	102	540	470	16"	400	133	571	470
18"	450	114	578	533	18"	450	149	628	533
20"	500	127	635	584	20"	500	159	686	584
24"	600	154	749.5	692	24"	600	181	813	692
26"	650	165	806.5	750	28"	700	229	940	800
28"	700	165	864	800	30"	750	229	997	857
30"	750	165	914	857	32"	800	241	1054	914
32"	800	190	978	914	36"	900	241	1168	1022
34"	850	200	1027	965					
36"	900	200	1086	1022					
38"	950	200	1150	1072					
40"	1000	216	1200	1125					

API Wafer Check Valve



Main Parts and Materials

Parts Name	Material
Body	A216 WCB / A217 WC6 / A217 WC9 / A352 LCB / A352 LCC / A352 LC1 A351 CF3 / A351 CF3M / A351 CF8 / A351 CF8M
Plate	A216-WCB+CR13, A217-WC6+HF, A352-LCB+CR13, A351-CF8+HF, A351-CF8M+HF, A890-GR4A
Hinge Pin	A276-420, A276-304, A276-316, A182-F51

Standards

Design and Manufacture	Face to Face	Flange End	Inspection
API594, ASME/ANSI B16.47	ASME/ANSI B16.10	ASME/ANSI B16.5	API 598

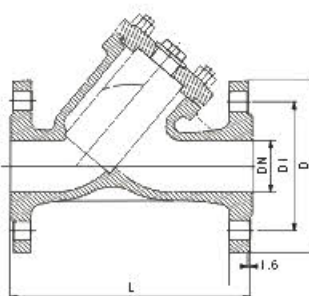
Test Pressure

Nominal Pressure (Mpa)	Shell Test (Mpa)	Seal Test (Mpa)
150Lb	450PAI	315PSI(Hydrostatic) 80PSI(Air)
300Lb	1125PSI	815PSI

Dimensions

DH77H/X-150Lb					DH77H/X-300Lb				
NPS(Inch)	L(mm)	D(mm)	D2(mm)	D3(mm)	NPS(Inch)	L(mm)	D(mm)	D2(mm)	D3(mm)
2	60	103	51	56	2	60	110	51	58
2 1/2	67	122	65	72	2 1/2	67	128	65	73
3	73	135	80	88	3	73	147	80	88
4	73	193	102	108	4	73	179	102	108
5	86	195	127	132	5	86	214	127	132
6	97	220	152	160	6	98	249	152	160
8	127	277	203	210	8	127	305	203	210
10	146	337	254	266	10	146	359	254	266
12	181	407	305	310	12	181	420	305	310
14	184	448	350	355	14	222	483	350	355
16	191	512	400	405	16	232	537	400	405
18	203	547	450	455	18	264	594	450	455
20	219	604	500	505	20	292	652	500	505
24	222	715	600	605	24	318	772	600	608
28	305	773	700	700	30	368	882	735	740
30	305	824	746	750					

ANSI Y Strainer



Main Parts and Materials

Parts Name	Material		
Body	A216 WCB / A217 WC6 / A217 WC9 / A352 LCB / A352 LCC / A352 LC1 A351 CF3 / A351 CF3M / A351 CF8 / A351 CF8M		
Screen	ASTM 182 F304	ASTM 182 F304	ASTM 182 F316

Standards

Connection and Standard	Face to Face	Flange End	Inspection
B16.34	ANSI B16.10	ANSI B16.5	API 598

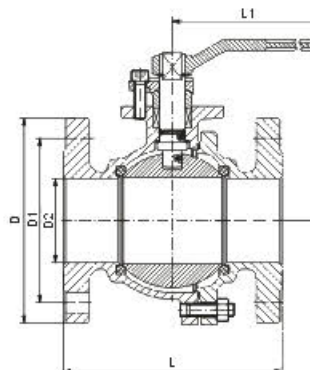
Test Pressure

Nominal Pressure (Mpa)	Seat Testing (Water)	Air Seat Testing (Air)	Shell Testing (Mpa)
Class 150	2.2	0.6	3.0

Dimensions

GL41H-150LB				
NPS	DN	L	D	D1
1 1/2"	4	200	127	98.5
2"	50	203	152	120.5
2 1/2"	65	216	178	139.5
3"	80	241	190	152.5
4"	100	292	229	190.5
5"	125	358	254	216.0
6"	150	406	279	241.5
8"	200	495	343	298.5
10"	250	622	406	362.0
12"	300	690	483	432.0
14"	350	787	535	476.0
16"	400	914	600	540.0
18"	450	978	635	578.0
20"	500	978	700	635.0
24"	600	1295	815	749.5

API Floating Ball Valve



Main Parts and Materials

Parts Name	Material				
Body, Bonnet, Disc	A216 WCB / A217 WC6 / A217 WC9 / A352 LCB / A352 LCC / A352 LC1 A351 CF3 / A351 CF3M / A351 CF8 / A351 CF8M				
Stem	A182 F6	A182 F 304	A182 F 316	A182 F304L	A182 F 316L
Ball	A182 F6	A182 F 304	A182 F 316	A182 F304L	A182 F 316L

Standards

Design and Manufacture	Face to face	Flange End	Inspection	Pressure-Temp Rating
BS5351, ANSI B16.34	ANSI B16.10	ANSI B16.5	API 598	ANSI B16.34

Test Pressure

Test Item	Shell Test	Seat Test	Back Seat Test	Air Seal Test
Medium (MPa)	Water (MPa)			Air (MPa)
Pressure (Class)	150	3.1	2.2	2.2
	300	7.8	5.6	5.6
	600	15.3	11.2	11.2
	900	23.1	16.8	16.8
				0.5-0.7

Dimensions

Q41/341/641F/H/Y-150LB					Q41/341/641F/H/Y-300LB					Q41/341/641F/H/Y-600LB				
Inch	DN	L	D	D1	Inch	DN	L	D	D1	Inch	DN	L	D	D1
1/2"	15	108	89	60.5	1/2"	15	140	95	66.5	1/2"	15	165	95	66.5
3/4"	20	117	98	70	3/4"	20	152	117	82.5	3/4"	20	190	118	82.5
1"	25	127	108	79.5	1"	25	165	124	89	1"	25	216	124	89
1 1/4"	32	140	117	89	1 1/4"	32	178	133	98.5	1 1/2"	40	241	156	114.3
1 1/2"	40	165	127	98.5	1 1/2"	40	190	156	114.3	2"	50	292	165	127
2"	50	178	152	120.7	2"	50	216	165	127	3"	80	356	210	168.2
2 1/2"	65	190	177.8	139.7	2 1/2"	65	241	190.5	149.4	4"	100	432	273	216
3"	80	203	190.5	152.4	3"	80	283	210	168.5	6"	150	559	356	292
4"	100	229	229	190.5	4"	100	305	254	200.2	8"	200	660	419	349
5"	125	356	254	216	5"	125	381	279	235	10"	250	787	508	432
6"	150	394	279	241.3	6"	150	403	318	270					
8"	200	457	343	298.5	8"	200	502	381	330					
10"	250	533	406	362	10"	250	568	445	387.5					

Female Thread And Socket Welded Gate Valve



Main Parts and Materials

Parts Name	Material
Body, Bonnet	A105, LF2, F11, F304(L), F316(L), F51
Stem	304, 410, 304 + L: 316(L), F51
Disc	F6a, F304, F6aHF, F304(L), F316(L), F51
Seat	410/304, 410HFA, 304 + L: 316 + L: F51

Standards

Design and Manufacture	Connection end Standard	Inspection
API 602, BS 5352, ANSI B16.34	ANSI B16.11, ANSI B1.20.1, ANSI 16.5	API 598

Dimensions

Bolted Bonnet Type

Specification (NPS)	R.P.	-	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3
Face to Face	L	79	79	92	111	120	120	140	178	180
Handwheel Diameter	W	100	100	100	125	160	160	180	200	220
Height	H	161	161	163	196	223	251	290	333	370
Flow Port Dimension	D	8	10.5	13.3	18	24	29	36.5	45	51

Welded Bonnet Type

Specification (NPS)	R.P.	-	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3
Face to Face	L	79	79	92	111	120	120	140	178	180
Handwheel Diameter	W	100	100	100	125	160	160	180	200	220
Height	H	161	161	163	196	223	251	290	333	370
Flow Port Dimension	d	8	10.5	13.5	18	24	29	36.5	45	51

Bolted Bonnet Type

Specification (NPS)	R.P.	-	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3
Face to Face	L	92	111	111	120	120	140	178	180	-
Handwheel Diameter	W	100	125	125	160	160	180	200	220	-
Height	H	191	191	192	219	243	296	316	370	-
Flow Port Dimension	d	8	10.5	13.5	18	24	29	36.5	45	-

Welded Bonnet Type

Specification (NPS)	R.P.	-	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3
Face to Face	L	92	111	111	120	120	140	170	180	-
Handwheel Diameter	W	100	125	125	160	160	160	200	220	-
Height	H	171	207	207	240	258	330	355	370	-
Flow Port Dimension	d	8	10.5	13.5	18	24	29	36.5	45	-

Flange End Gate Valve



Main Parts and Materials

Parts Name	Material
Body, Bonnet	A105, LF2, F11, F304(L), F316(L), F51
Stem	304, 410, 304 + L: 316(L), F51
Disc	F6a, F304, F6aHF, F304(L), F316(L), F51
Seat	410/304, 410HFA, 304 + L: 316 + L: F51

Dimensions

Welded Bonnet Type

Specification (NPS)	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2
Face to Face	-	-	108	117	127	140	165	178	190
Handwheel Diameter	-	-	140	152	165	178	190	216	241
Height	-	-	165	190	216	229	241	292	330
Height (angle dimension)	-	-	100	100	125	160	160	180	200
Flow Port Dimension	-	-	176	184	217	226	250	290	357
Flow Port Dimension	-	-	161	163	196	226	250	290	357
Flow Port Dimension	-	-	10	13.5	18	24	29	36.5	45

Welded Bonnet Type

Specification (NPS)	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2
Face to Face	-	-	216	229	254	279	305	368
Handwheel Diameter	-	-	216	229	254	279	305	371
Height	-	-	125	125	160	180	200	220
Height (angle dimension)	-	-	191	192	219	257	296	316
Flow Port Dimension	-	-	13.5	18	24	29	36.5	45

Bolted Bonnet Type

Specification (NPS)	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2
Face to Face	-	-	264	273	308	-	384	451
Handwheel Diameter	-	-	264	373	308	-	387	454
Height	-	-	125	160	160	-	200	240
Height (angle dimension)	-	-	207	240	258	-	355	370
Flow Port Dimension	-	-	13.5	13.5	19	-	30	36.5

Pressure Seal Gate Valve

Specification (NPS)	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2
Face to Face	-	-	264	273	308	-	384	451
Handwheel Diameter	-	-	264	273	308	-	387	454
Height	-	-	200	200	200	-	280	300
Height (angle dimension)	-	-	325	325	327	-	478	540
Flow Port Dimension	-	-	13.5	13.5	19	-	30	36.5

Female Thread And Socket Welded Globe Valve



Main Parts and Materials

Parts Name	Material
Body, Bonnet	A105, A105+HF, LF2, F11+HF, F304(L), F316(L), F51
Stem	304, 410, 304(L), 316(L), F51
Disc	F6a, F304, F6aHF, F304(L), F316(L), F51

Standards

Design and Manufacture	Connection end Standard
BS5352 MSS SP-118	ANSI B16.11, ANSI B1.20.1, ANSI B16.5

Dimensions

Bolted Bonnet Type

Specification(NPS)	F.P.	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2
Face to Face		110	110	150	150	-	210	235
Handwheel Diameter		110	110	130	210	-	180	250
Height		227	227	300	307	-	40	448
Height(angle dimension)		9	12	15	20	-	32	40

Pressure Seal Type

Specification(NPS)	F.P.	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2
Face to Face		140	140	140	178	178	216	-
Handwheel Diameter		200	200	200	280	280	300	-
Height		320	320	320	440	440	490	-
Height(angle dimension)		12	15	20	28	32	40	-

Bolted Bonnet Type

Specification(NPS)	F.P.	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2
Face to Face		150	150	210	-	235	235	-
Handwheel Diameter		130	130	250	-	300	300	-
Height		293	300	390	-	435	435	-
Height(angle dimension)		11	14	19	-	28	35	-

Pressure Seal Type

Specification(NPS)	F.P.	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2
Face to Face		186	186	186	232	232	279	-
Handwheel Diameter		200	200	200	280	280	300	-
Height		375	378	380	490	490	540	-
Height(angle dimension)		11	14	19	25	28	35	-

Flange End Forged Steel Globe Valve



Main Parts and Materials

Parts Name	Material
Body, Bonnet	A105, A105+HF, LF2, F11+HF, F304(L), F316(L), F51
Stem	304, 410, 304(L), 316(L), F51
Disc	F6a, F304, F6aHF, F304(L), F316(L), F51

Dimensions

Welded Bonnet Type

Specification(NPS)		1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2
Face to Face	CL15, CL300, CL600	-	-	108	117	127	140	165	203
	L(RF), L1(BW)	-	-	152	178	203	216	229	267
		-	-	165	190	216	229	241	292
Handwheel Diameter	W	-	-	100	100	125	160	160	180
Height	CL150/CL300, CL600	-	-	180	184	217	224	260	300
	H	-	-	164	164	203	224	260	300
Height(angle dimension)	d	-	-	9	13	17.5	23	30	35

Welded Bonnet Type

Specification(NPS)	F.P.	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2
Face to Face	L(RF), L1(BW), L(RTJ)	-	-	216	229	254	279	305	368
		-	-	216	229	254	278	305	371
Handwheel Diameter	W	-	-	125	125	160	160	180	200
Height	H	-	-	207	207	230	160	300	355
Height(angle dimension)	d	-	-	12	15	20	28	32	40

Bolted Bonnet Type

Specification(NPS)	F.P.	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2
Face to Face	L(RF), L1(BW), L(RTJ)	-	-	364	273	308	-	384	451
		-	-	264	273	308	-	387	454
Handwheel Diameter	W	-	-	125	160	200	-	250	240
Height	H	-	-	207	240	258	-	355	300
Height(angle dimension)	d	-	-	11	14	19	-	28	35

Pressure Seal Type

Specification(NPS)	F.P.	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2
Face to Face	L(RF), L1(BW), L(RTJ)	-	-	264	273	308	349	384	451
		-	-	264	273	308	349	387	454
Handwheel Diameter	W	-	-	200	200	280	280	280	300
Height	H	-	-	320	320	320	440	440	490
Height(angle dimension)	d	-	-	11	14	19	25	28	35