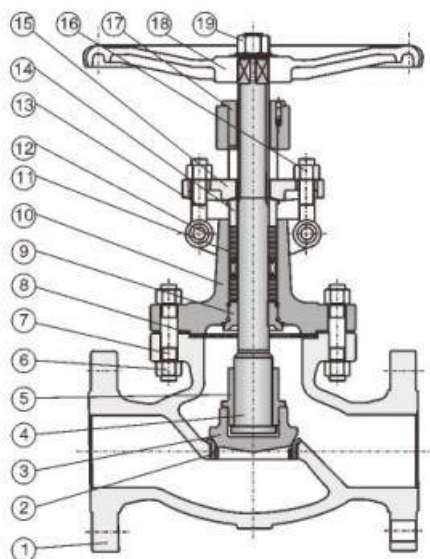


API Cast Steel Globe Valve



Standard

Design and Manufacture: BS 1873 and ANSI B16.34

Inspection and Test: API 598

End flange dimension: ASME B16.5

BW end dimension: ASME B16.5

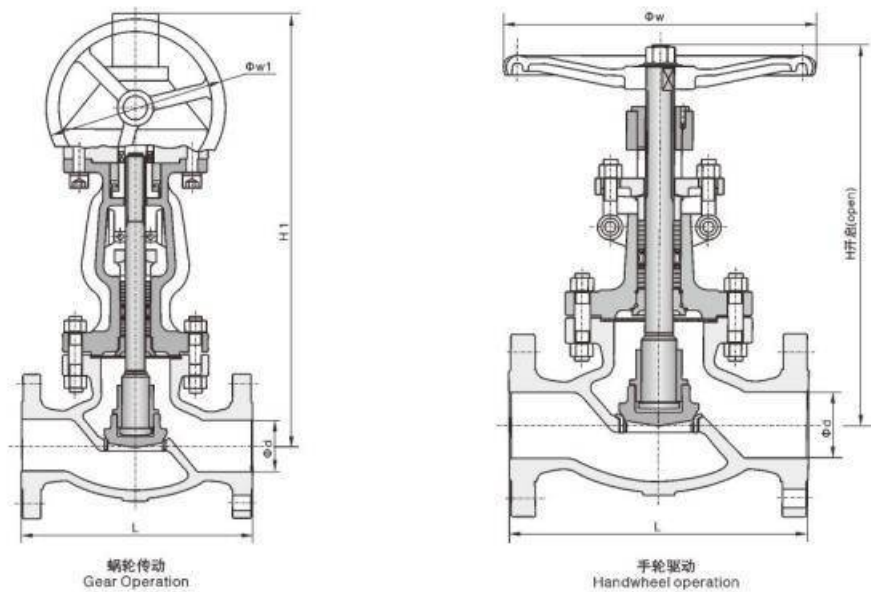
Socket-weld dimension: ASME B16.11

Face to face: ASME B16.10

Material Specification

N o.	Parts name	Materials				
		WCB/Trim 1	WCB/Trim 5	WCB/Trim 8	CF8/304	CF8M/316
1	Body	ASTM A216 WCB			ASTM A351 CF8	ASTM A351 CF8M
2	Seat ring	A105+13Cr	A105+STL	A105+STL	ASTM A351 CF8	ASTM A351 CF8M
3	Disc	ASTMA216WCB+13Cr	ASTMA216WCB+STL	ASTMA216WCB+13Cr	ASTM A351 CF8	ASTM A351 CF8M
4	Stem	ASTM A182 F6a			ASTM A182 F304	ASTMA182 F316
5	Disc nut	ASTM A216 WCB			ASTM A351 CF8	ASTM A351 CF8M
6	Bonnet nut	ASTMA194 2H			ASTM A194 8	ASTM A194 8M
7	Bonnet bolt	ASTMA193 B7			ASTM A193 B8	ASTM A193 B8M
8	Gasket	304+Graphite			304+Graphite	304+Graphite
9	Backseat bushing	ASTMA182 F6a			ASTM A351 CF8	ASTM A351 CF8M
10	Bonnet	ASTM A216 WCB			ASTM A351 CF8	ASTM A351 CF8M
11	Packing	Graphite			Graphite	Graphite
12	Eyebolt pin	ASTMA36			304ss	316ss
13	Gland eyebolt	ASTMA193 B7			ASTM A193 B8	ASTM A193 B8M
14	Gland	ASTMA182 F6a			ASTM A182 F304	ASTM A182 F316
15	Gland flange	ASTM A216 WCB			ASTM A351 CF8	ASTM A351 CF8M
16	Eyebot nut	ASTMA194 2H			ASTMA193 B8	ASTM A193 B8M
17	Stem nut	ASTMA439 D2			ASTMA439 D2	ASTMA439 D2
18	Hand wheel	Ductile iron			Ductile iron	Ductile iron
19	Hand wheel nut	Carbon steel			Carbon steel	Carbon steel

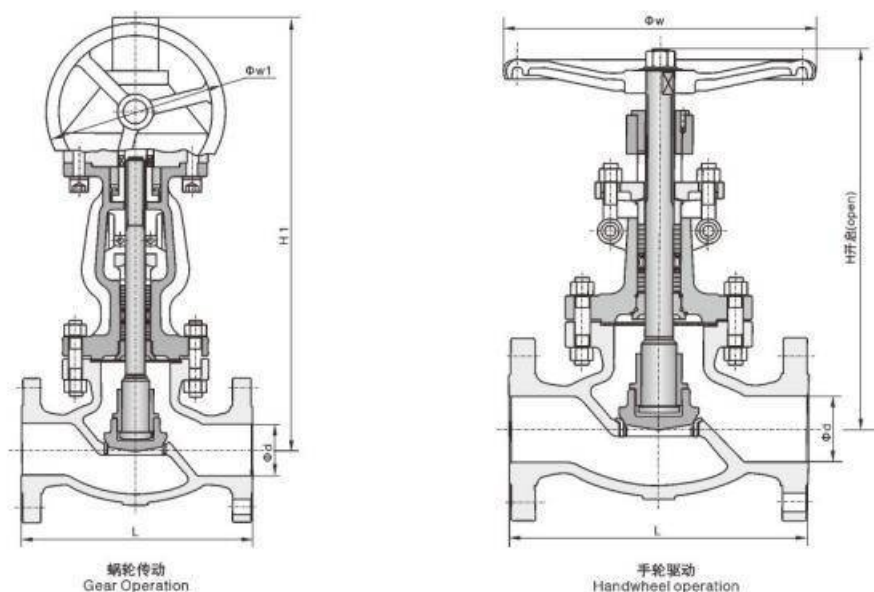
API Cast Steel Globe Valve Class 150



Dimension

Class	Size		Dimensions(mm)								Weight(kg)	
	NPS	DN	L			d	H	H1	w	W1	H.W	G.O
			RF	RTJ	BW							
150	1/2	15	108	119	108	13	192	-	100	-	4	-
	3/4	20	117	130	117	19	193	-	100	-	6	-
	1	25	127	140	127	25	217	-	100	-	8	-
	1 1/4	32	140	152	140	32	235	-	135	-	12	-
	1 1/2	40	165	178	165	38	258	-	135	-	16	-
	2	50	203	216	203	51	330	-	200	-	17.5	-
	2 1/2	65	216	229	216	64	360	-	250	-	29	-
	3	80	241	254	241	76	390	-	280	-	32	-
	4	100	292	306	292	102	445	-	300	-	51	-
	5	125	356	369	356	127	480	-	350	-	67	-
	6	150	406	419	406	152	520	556	350	310	92	258
	8	200	495	506	495	203	600	658	400	310	147	300
10	250	622	635	622	254	773	805	450	310	250	450	
12	300	698	711	698	305	880	955	500	310	415	725	

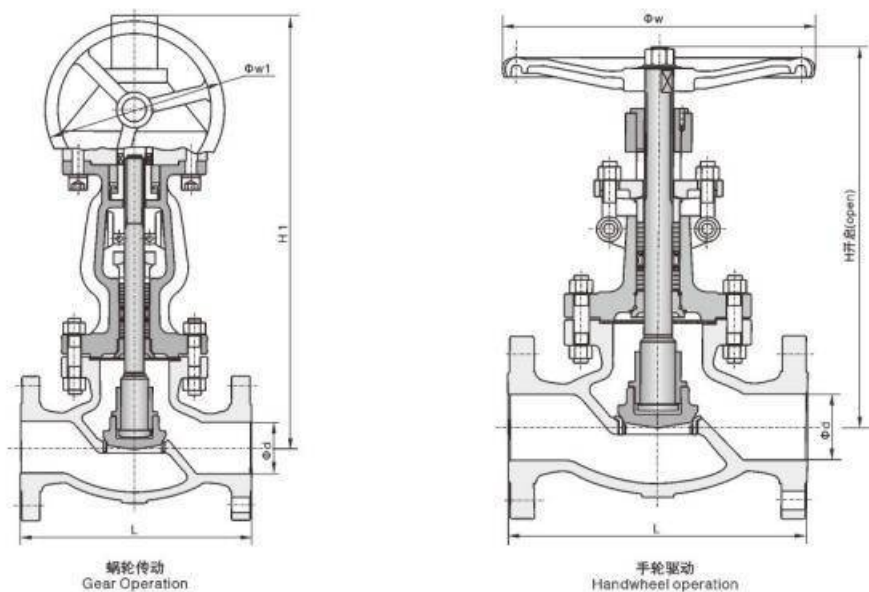
API Cast Steel Globe Valve Class 300



Dimension

Class	Size		Dimensions(mm)								Weight(kg)	
	NPS	DN	L			d	H	H1	w	W1	H.W	G.O
			RF	RTJ	BW							
300	1/2	15	152	164	152	14	185	-	100	-	5	-
	3/4	20	178	191	178	19	195	-	100	-	7	-
	1	25	203	216	203	25	220	-	135	-	10	-
	11/4	32	216	229	216	32	240	-	135	-	14	-
	11/2	40	229	241	229	38	260	-	160	-	19	-
	2	50	267	283	267	51	385	-	200	-	25	-
	2 1/4	65	292	308	292	64	420	-	200	-	42	-
	3	80	311	333	318	76	440	-	280	-	46	-
	4	100	351	371	356	102	515	-	350	-	74	-
	5	125	400	416	400	127	580	-	350	-	111	-
	6	150	444	460	444	152	660	690	400	310	165	195
	8	200	551	575	559	203	900	950	550	460	275	327
10	250	621	638	622	254	950	990	600	460	400	452	
12	300	711	727	711	305	1030	1080	700	460	624	725	

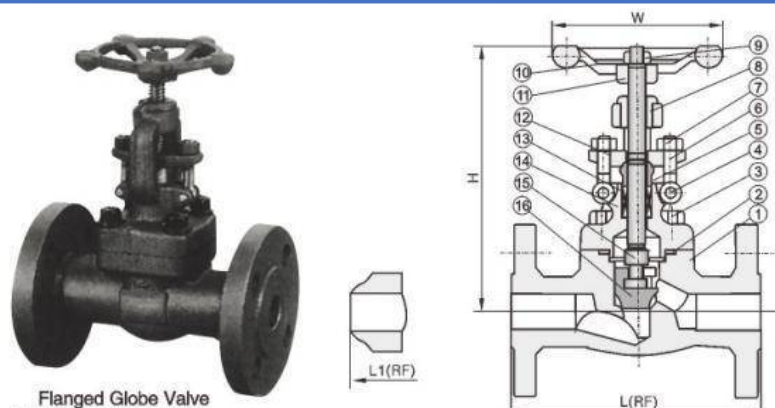
API Cast Steel Globe Valve Class 600/Class 900



Dimension

Class	Size		Dimensions(mm)								Weight(kg)	
	NPS	DN	L			d	H	H1	W	W1	H.W	G.O
			RF	RTJ	BW							
Class 600	2	50	292	295	292	51	360	-	250	-	32	-
	2 1/2	65	330	333	330	64	410	-	280	-	42	-
	3	80	356	359	356	76	465	-	300	-	63	-
	4	100	432	435	432	102	545	575	400	310	107	138
	5	125	508	511	508	127	625	660	500	310	185	215
	6	150	559	562	559	152	785	820	550	460	290	342
Class 900	2	50	368	371	368	51	480	-	350	-	55	-
	2 1/2	65	419	422	419	64	520	-	350	-	68	-
	3	80	381	384	381	76	564	630	400	310	95	128
	4	100	457	460	457	102	685	720	450	310	160	210
	5	125	559	562	559	127	780	840	550	460	270	325
	6	150	610	613	610	152	950	1015	650	460	410	480

API Forged Steel Globe Valve Class 150/Class 300/Class 600



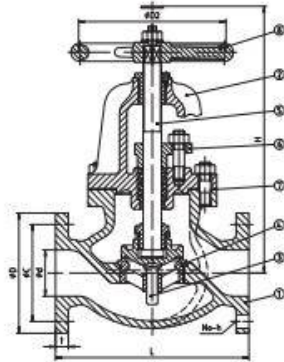
Material Specification

NO	Part Name	CS to ASTM	AS to ASTM	SS to ASTM	SS to ASTM
		Type A105	Type F22	Type F304(L)	Type F316(L)
1	Body	A105	A182 F22	A182 F304(L)	A182 F316(L)
2	Gasket	Corrugated SS+Graphite	Corrugated SS+Graphite	SS+PTFE	SS+PTFE
3	Bonnet Bolt	A193 87	A193 B16	A193 B8	A193 B8M
4	Pin	A276 420	A276 420	A276 304	A276 304
5	Gland	A276410	A276410	A182 F304(L)	A182 F316(L)
6	Gland Eyebolt	A193 B7	A193 B16	A193 B8	A193 B8M
7	Gland Nut	A194 2H	A194 4	A194 8	A194 8M
8	Yoke Nut	A276 410	A276 410	A276 410	A276 410
9	H.W.Nut	A194 2H	A194 4	A194 8	A194 8M
10	Nameplate	SS	SS	SS	SS
11	Handwheel	A197	A197	A197	A197
12	Gland Flange	A216 WCB	A216 WCB	A351 CF8	A351 CF8
13	Stem Packing	Flexible Graphite	Flexible Graphite	PTFE	PTFE
14	Bonnet	A105	A276 304	A182 F304(L)	A182 F316(L)
15	Stem	A182 F6	A182 F304	A182 F304(L)	A182 F316(L)
16	Disc	A276 420	A276 304	A276 304(L)	A276 316(L)
Suitable Medium		W.O.G.etc	W.O.G.etc	HN03.CH300H etc	HN03.CH300H etc
Suitable Temperature		-29°C~425°C	-29°C ~550°C	-29°C~180°C	-29°C~180°C

Dimension

NPS		1/2	3/4	1	1 1/4	1 1/2	2	
L(RF) L1(BW)	Class 150	108	117	127	140	165	203	
	Class 300	152	178	203	216	229	267	
	Class 600	165	190	216	229	241	292	
H(open)	Class 150/300	166	171	207	240	258	330	
	Class 600	171	207	240	258	330	380	
w		100	100	125	160	160	180	
Weight	Class150	RF	4.5	6.9	9.8	13.5	19.5	28.0
		BW	2.3	3.6	7.8	8.2	12.0	15.0
	Class300	RF	4.8	7.7	11.0	16.8	21.2	32.6
		BW	2.8	4.0	8.5	9.2	12.6	16.8
	Class600	RF	5.6	7.8	12.5	17.0	23.5	38.8
		BW	3.4	4.7	9.2	10.5	13.3	18.9

Cast Iron Globe Valve JIS 5K/10K/16K



Material Specification

No	Parts name	Materials	
		Class B	Class S
1	Body	FC200	
2	Bonnet	FC200	
3	Disc	BC6	SUS420
4	Seat	BC6	SUS420
5	Stem	C3771BD OR BE	SUS420
6	Gland Packing	BC6	
7	Gasket	NON-ASBESTOS	
8	Handwheel	FC200	

Dimensions(JIS 5K)

DN	d	L	D	C	NO.	h	t	H	D2
50	50	210	130	105	4	15	16	270	160
65	65	250	155	130	4	15	18	300	180
80	80	280	180	145	4	19	18	310	180
100	100	340	200	165	8	19	20	360	224
125	125	410	235	200	8	19	20	390	250
150	150	480	265	230	8	19	22	445	280
200	200	570	320	280	8	23	24	530	315
250	250	740	385	345	12	23	26	650	355
300	300	840	430	390	12	23	28	740	400
350	335	940	480	435	12	25	30	840	500
400	380	1050	540	495	16	25	30	940	600

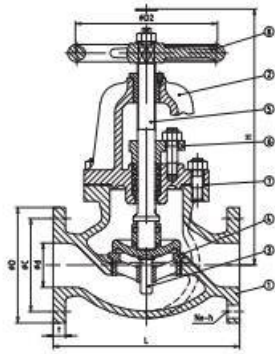
Dimensions(JIS 10K)

DN	d	L	D	C	NO.	h	t	H	D2
50	50	220	155	120	4	19	20	285	160
65	65	270	175	140	4	19	22	310	200
80	80	300	185	150	8	19	22	320	200
100	100	350	210	175	8	19	24	370	250
125	125	420	250	210	8	23	24	420	280
150	150	490	280	240	8	23	26	470	315
200	200	570	330	290	12	23	26	555	355
250	250	740	400	355	12	25	30	680	450
300	300	840	445	400	16	25	32	770	500

Dimensions(JIS 16K)

DN	d	L	D	C	NO.	h	t	H	D2
50	50	220	155	120	8	19	20	285	160
65	65	270	175	140	8	19	22	310	200
80	80	300	200	160	8	23	24	340	224
100	100	350	225	185	8	23	26	385	250
125	125	430	270	225	8	25	26	455	315
150	150	500	305	260	12	25	28	510	355
200	200	570	350	305	12	25	30	630	450

Cast Iron Globe Valve JIS 5K/10K/16K



Material Specification

No	Parts name	Materials	
		Class B	Class S
1	Body	FC200	
2	Bonnet	FC200	
3	Disc	BC6	SUS420
4	Seat	BC6	SUS420
5	Stem	C3771BD OR BE	SUS420
6	Gland Packing	BC6	
7	Gasket	NON-ASBESTOS	
8	Handwheel	FC200	

Dimensions(JIS 5K)

DN	d	L	D	C	NO.	h	t	H	D2
50	50	210	130	105	4	15	16	270	160
65	65	250	155	130	4	15	18	290	180
80	80	280	180	145	4	19	18	300	180
100	100	340	200	165	8	19	20	350	224
125	125	410	235	200	8	19	20	380	250
150	150	480	265	230	8	19	22	430	280
200	200	570	320	280	8	23	24	505	315
250	250	740	385	345	12	23	26	620	355
300	300	840	430	390	12	23	28	715	400
350	335	940	480	435	12	25	30	815	500
400	380	1050	540	495	16	25	30	905	600

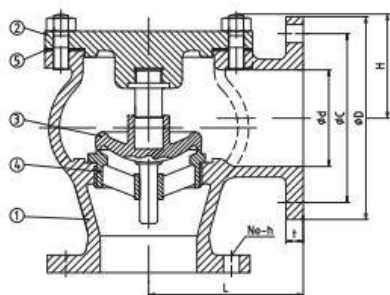
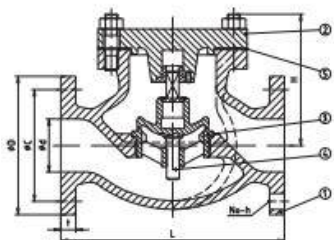
Dimensions(JIS 10K)

DN	d	L	D	C	NO.	h	t	H	D2
50	50	220	155	120	4	19	20	285	160
65	65	270	175	140	4	19	22	305	200
80	80	300	185	150	8	19	22	315	200
100	100	350	210	175	8	19	24	360	250
125	125	420	250	210	8	23	24	410	280
150	150	490	280	240	8	23	26	455	315
200	200	570	330	290	12	23	26	530	355
250	250	740	400	355	12	25	30	645	450

Dimensions(JIS 16K)

DN	d	L	D	C	NO.	h	t	H	D2
50	50	220	155	120	8	19	20	285	160
65	65	270	175	140	8	19	22	305	200
80	80	300	200	160	8	23	24	335	224
100	100	350	225	185	8	23	26	375	250
125	125	430	270	225	8	25	26	440	315
150	150	500	305	260	12	25	28	500	355
200	200	570	350	305	12	25	30	606	450

Cast Iron Lift Check Globe Valve JIS 5K Cast Iron Lift Check Angle Valve JIS 5K



Material Specification

No	Parts name	Materials	
		Class B	Class S
1	Body	FC200	
2	Bonnet	FC200	
3	Disc	BC6	SUS420
4	Seat	BC6	SUS420
5	Stem	C3771BD OR BE	SUS420
6	Gland Packing	BC6	
7	Gasket	NON-ASBESTOS	
8	Handwheel	FC200	

Dimensions(Lift Check Globe Valve)

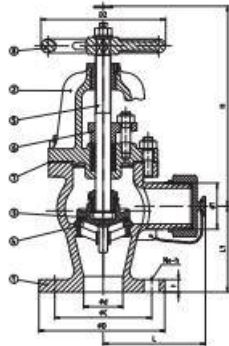
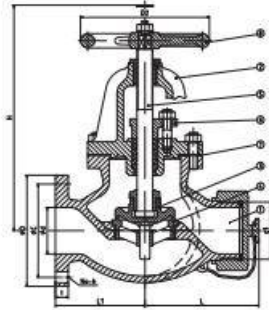
DN	d	L	D	C	NO.	h	t	H
50	50	210	130	105	4	15	16	107
65	65	250	155	130	4	15	18	124
80	80	280	180	145	4	19	18	129
100	100	340	200	165	8	19	20	146
125	125	410	235	200	8	19	20	166
150	150	480	265	230	8	19	22	188
200	200	570	320	280	8	23	24	212

Dimensions(Lift Check Angle Valve)

DN	d	L	D	C	NO.	h	t	H
50	50	100	130	105	4	15	16	77
65	65	115	155	130	4	15	18	81
80	80	130	180	145	4	19	18	84
100	100	150	200	165	8	19	20	96
125	125	170	235	200	8	19	20	108
150	150	190	265	230	8	19	22	125
200	200	220	320	280	8	23	24	157
250	250	275	385	345	12	23	26	180

Cast Iron Globe Hose Valve

Cast Iron Angle Hose Valve



Material Specification

No	Parts name	Materials	
		Class B	Class S
1	Body	FC200	
2	Bonnet	FC200	
3	Disc	BC6	SUS420
4	Seat	BC6	SUS420
5	Stem	C3771BD OR BE	SUS420
6	Gland Packing	BC6	
7	Gasket	NON-ASBESTOS	
8	Handwheel	FC200	

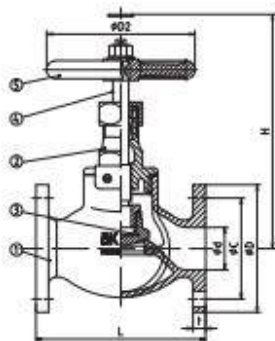
Dimensions(Globe Hose Valve)

DN	d	L	D	C	NO.	h	t	H	D2	L1	d1
50(5k)	50	165	130	105	4	15	16	270	160	105	M64*2
50(10k)	50	170	155	120	4	19	20	285	160	110	M64*2
65(10k)	65	200	175	140	4	19	22	310	200	135	M80*2

Dimensions(Lift Check Angle Valve)

DN	d	L	D	C	NO.	h	t	H	D2	L1	d1
50(5k)	50	155	130	105	4	15	16	240	160	100	M64*2
50(10k)	50	170	155	120	4	19	20	255	160	120	M64*2
65(10k)	65	185	175	140	4	19	22	270	200	130	M80*2

Bronze Globe Valve JIS 5K/16K



Material Specification

No	Parts name	Material
1	Body	BC6
2	Bonnet	BC6
3	Disc	BC6
4	Stem	C3771BD OR BE
5	Gasket	NON-ASBESTOS
6	Handwheel	FC200

Dimensions(JIS 5K)

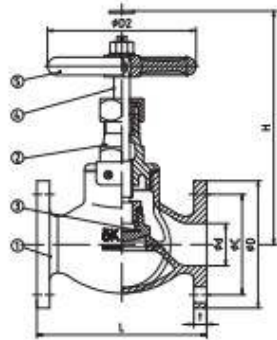
DN	d	L	D	C	NO.	h	t	H	D2
15	15	100	80	60	4	12	9	130	80
20	20	110	85	65	4	12	10	140	100
25	25	120	95	75	4	12	10	160	125
32	32	140	115	90	4	15	12	170	125
40	40	160	120	95	4	15	12	190	140
50	50	210	130	105	4	15	14	235	140
65	65	250	155	130	4	15	14	260	160
80	80	280	180	145	4	19	16	280	160
100	100	340	200	165	8	19	18	333	200

Dimensions(JIS 16K)

DN	d	L	D	C	NO.	h	t	H	D2
15	15	110	95	70	4	15	12	130	80
20	20	120	100	75	4	15	14	140	100
25	25	130	125	90	4	19	14	160	125
32	32	160	135	100	4	19	16	170	125
40	40	180	140	105	4	19	16	190	140
50	50	210	155	120	8	19	14	233	140

Bronze Screw-down Check Globe Valve JIS 5K/16K

Material Specification



No	Parts name	Material
1	Body	BC6
2	Bonnet	BC6
3	Disc	BC6
4	Stem	C3771BD OR BE
5	Gasket	NON-ASBESTOS
6	Handwheel	FC200

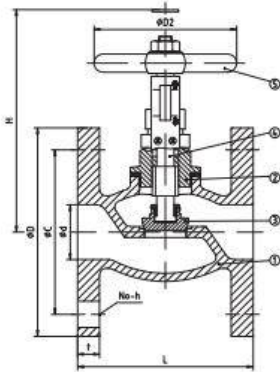
Dimensions(JIS 5K)

DN	d	L	D	C	NO.	h	t	H	D2
15	15	100	80	60	4	12	9	130	80
20	20	110	85	65	4	12	10	140	100
25	25	120	95	75	4	12	10	155	125
32	32	140	115	90	4	15	12	165	125
40	40	160	120	95	4	15	12	185	140
50	50	210	130	105	4	15	14	229	140
65	65	250	155	130	4	15	14	250	160
80	80	280	180	145	4	19	16	270	160

Dimensions(JIS 10K)

DN	d	L	D	C	NO.	h	t	H	D2
15	15	100	95	70	4	15	9	130	80
20	20	110	100	75	4	15	10	140	100
25	25	120	125	90	4	19	10	155	125
32	32	140	135	100	4	19	12	165	125
40	40	160	140	105	4	19	12	185	140
50	50	210	155	120	8	19	14	229	140

Class 150 Bronze 5K/10K Globe Valve Open/Close Indicator



Material Specification

No	Parts name	Material
1	Body	BC6
2	Bonnet	C3771BD OR BE
3	Disc	C3771BD OR BE
4	Stem	C3771BD OR BE
5	Gasket	NON-ASBESTOS
6	Handwheel	FC200

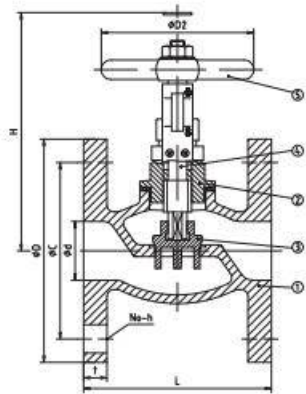
Dimensions(JIS 5K)

DN	d	L	D	C	NO.	h	t	H	D2
15	15	60	80	60	4	12	9	77	50
20	20	70	85	65	4	12	10	88	80
25	25	80	95	75	4	12	10	89	65
32	32	100	115	90	4	15	12	110	80
40	40	100	120	95	4	15	12	126	80
50	50	120	130	105	4	15	14	139	100
65	65	140	155	130	4	15	14	154	125
80	80	160	180	145	4	19	16	178	140

Dimensions(JIS 10K)

DN	d	L	D	C	NO.	h	t	H	D2
15	15	60	95	70	4	12	8	77	50
20	20	70	100	75	4	15	9	88	80
25	25	80	125	90	4	19	10	89	65
32	32	100	135	100	4	19	11	110	80
40	40	100	140	105	4	19	12	126	80
50	50	120	155	120	4	19	13	139	100
65	65	140	175	140	4	19	13	154	125

Class 150 Bronze 5K/10K Sdnr Globe Valve Open/Close Indicator



Material Specification

No	Parts name	Material
1	Body	BC6
2	Bonnet	C3771BD OR BE
3	Disc	C3771BD OR BE
4	Stem	C3771BD OR BE
5	Gasket	NON-ASBESTOS
6	Handwheel	FC200

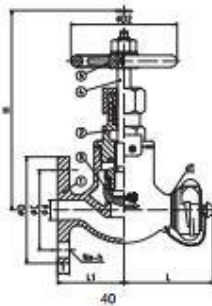
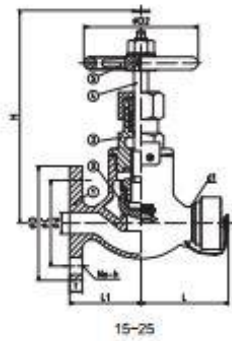
Dimensions(JIS 5K)

DN	d	L	D	C	NO.	h	t	H	D2
15	15	60	80	60	4	12	9	75.5	50
20	20	70	85	65	4	12	10	82.5	80
25	25	80	95	75	4	12	10	88.5	65
32	32	100	115	90	4	15	12	109	80
40	40	100	120	95	4	15	12	121	80
50	50	120	130	105	4	15	14	142	100
65	65	140	155	130	4	15	14	154	125
80	80	160	180	145	4	19	16	175	140

Dimensions(JIS 10K)

DN	d	L	D	C	NO.	h	t	H	D2
15	15	60	95	70	4	12	8	75.7	50
20	20	70	100	75	4	15	9	82.5	80
25	25	80	125	90	4	19	10	88.5	65
32	32	100	135	100	4	19	11	110	80
40	40	100	140	105	4	19	12	121	80
50	50	120	155	120	4	19	13	142	100
65	65	140	175	140	4	19	13	154	125

Bronze Globe Hose Valves



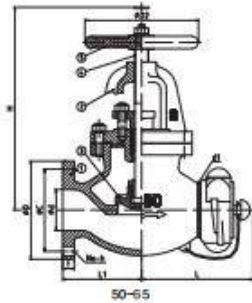
Material Specification

No	Parts name	Material
1	Body	BC6
2	Bonnet	BC6
3	Disc	BC6
4	Stem	C3771BD OR BE
5	Gasket	NON-ASBESTOS
6	Handwheel	FC200

Dimensions(JIS 5K)

DN	d	L	D	C	NO.	h	t	H	D2	L1	D1
15-5K	15	73	80	60	4	12	9	130	80	50	M42×2
15-10K	15	73	95	70	4	15	12	130	80	55	M42×2
25-5K	25	78	95	75	4	12	10	160	125	60	M42×2
25-10K	25	83	125	90	4	19	14	160	125	65	M42×2
40-5K	40	129	120	95	4	15	12	190	140	80	M52×2
40-10K	40	134	140	105	4	19	16	190	140	90	M52×2

Bronze Globe Hose Valves



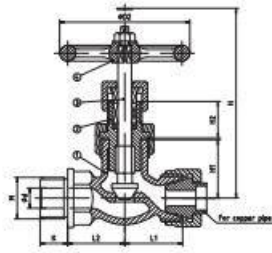
Material Specification

No	Parts name	Material
1	Body	BC6
2	Bonnet	BC6
3	Disc	BC6
4	Stem	C3771BD OR BE
5	Gland packing	BC6
6	Gasket	NON-ASBESTOS
7	Handwheel	FC200

Dimensions(JIS 5K)

DN	d	L	D	C	NO.	h	t	H	D2	L1	D1
50-5K	50	160	130	105	4	15	14	270	160	105	M64×2
50-10K	50	165	155	120	4	19	16	285	160	110	M64×2
65-10K	65	200	175	140	4	19	18	310	200	135	M80×2

Bronze Globe Hose Valves



Material Specification

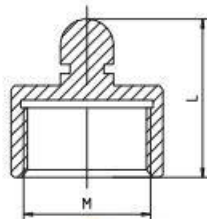
No	Parts name	Material
1	Body	BC6
2	Bonnet	BC6
3	Stem	C3771BD OR BE
4	Handwheel	FC200

Dimensions(S Type)

DN	COPPER PIPE	K	L2	L1	H1	H2	H	M	D2
6	Ø10	12	32	32	30	22	100	M20*1.5	65
10	Ø15	16	35	36	33	29	115	M24*2	80

Dimensions(Y Type)

DN	COPPER PIPE	K	L2	L1	H1	H2	H	M	D2
6	Ø10	12	32	32	30	22	100	-	65
10	Ø15	16	35	36	33	29	115	-	80



Material Specification(Brass Bonnet Measurement)

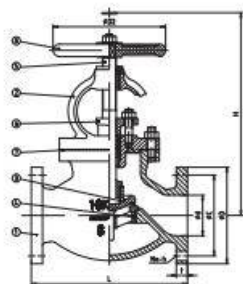
No	Part name	Material
1	Body	ZCuZn40Pb2

Dimensions

DN	d	l
32	G1 1/4	50
40	G1 1/2	50

Cast Steel Globe Valve JIS 5K/10K/20K

Material Specification



No	Parts name	Materials	
		Class B	Class S
1	Body	SC450	
2	Bonnet	SC450	
3	Disc	BC6	SUS420
4	Seat	BC6	SUS420
5	Stem	C3771BD OR BE	SUS420
6	Gland Packing	BC6	
7	Gasket	NON-ASBESTOS	
8	Handwheel	FC200	

Dimensions(JIS 5K)

DN	d	L	D	C	NO.	h	t	H	D2
50	50	210	130	105	4	15	14	270	160
65	65	250	155	130	4	15	14	300	180
80	80	280	180	145	4	19	16	310	180
100	100	340	200	165	8	19	16	360	224
125	125	410	235	200	8	19	16	390	250
150	150	480	265	230	8	19	18	445	280
200	200	570	320	280	8	23	20	530	315
250	250	740	385	345	12	23	22	650	355
300	300	840	430	390	12	23	24	740	400

Dimensions(JIS 10K)

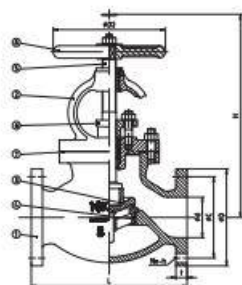
DN	d	L	D	C	NO.	h	t	H	D2
50	50	220	155	120	4	19	16	285	160
65	65	270	175	140	4	19	18	305	200
80	80	300	185	150	8	19	18	315	200
100	100	350	210	175	8	19	18	360	250
125	125	420	250	210	8	23	20	410	280
150	150	490	280	240	8	23	22	455	315
200	200	570	330	290	12	23	22	530	355
250	250	740	400	355	12	25	24	645	400
300	300	840	445	400	16	25	24	735	450

Dimensions(JIS 20K)

DN	d	L	D	C	NO.	h	t	H	D2
32	32	190	135	100	4	19	18	270	160
40	40	200	140	105	4	19	18	290	160
50	50	230	155	120	8	19	18	305	200
65	65	270	175	140	8	19	22	345	224
80	80	300	200	160	8	23	22	385	250
100	100	350	225	185	8	23	24	440	280
125	125	430	270	225	8	25	26	500	315
150	150	500	305	260	12	25	28	550	355
200	200	560	350	305	12	25	30	630	450
250	250	660	430	380	12	27	34	725	560

Cast Steel Screw-down Check Globe Valve JIS 5K/10K/20K

Material Specification



No	Parts name	Materials	
		Class B	Class S
1	Body	SC450	
2	Bonnet	SC450	
3	Disc	BC6	SUS420
4	Seat	BC6	SUS420
5	Stem	C3771BD OR BE	SUS420
6	Gland Packing	BC6	
7	Gasket	NON-ASBESTOS	
8	Handwheel	FC200	

Dimensions(JIS 5K)

DN	d	L	D	C	NO.	h	t	H	D2
50	50	210	130	105	4	15	14	270	160
65	65	250	155	130	4	15	14	290	180
80	80	280	180	145	4	19	16	300	180
100	100	340	200	165	8	19	16	350	224
125	125	410	235	200	8	19	16	380	250
150	150	480	265	230	8	19	18	430	280
200	200	570	320	280	8	23	20	505	315
250	250	740	385	345	12	23	22	620	355
300	300	840	430	390	12	23	24	715	400

Dimensions(JIS 10K)

DN	d	L	D	C	NO.	h	t	H	D2
50	50	220	155	120	4	19	16	265	160
65	65	270	175	140	4	19	18	295	200
80	80	300	185	150	8	19	18	300	200
100	100	350	210	175	8	19	18	345	250
125	125	420	250	210	8	23	20	405	280
150	150	490	280	240	8	23	22	455	315
200	200	570	330	290	12	23	22	545	355
250	250	740	400	355	12	25	24	645	400
300	300	840	445	400	16	25	24	735	450

Dimensions(JIS 20K)

DN	d	L	D	C	NO.	h	t	H	D2
32	32	190	135	100	4	19	18	265	160
40	40	200	140	105	4	19	18	280	160
50	50	230	155	120	8	19	18	295	200
65	65	270	175	140	8	19	22	330	224
80	80	300	200	160	8	23	22	370	250
100	100	350	225	185	8	23	24	420	280
125	125	430	270	225	8	25	26	475	315
150	150	500	305	260	12	25	28	525	355
200	200	560	350	305	12	25	30	605	450
250	250	660	430	380	12	27	34	700	560

Cast Iron Globe Valves Flanged Ends BS5152 PN16

Technical Specification

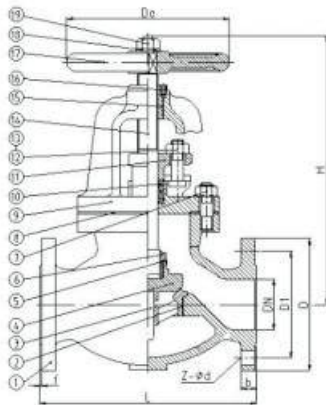
Confirms to BS5152

Flanged drilled to BS4504 PN16

Face to face dimension confirm to BS5152 PN16

Working pressure: PN16

Suitable media: water, oil, gas



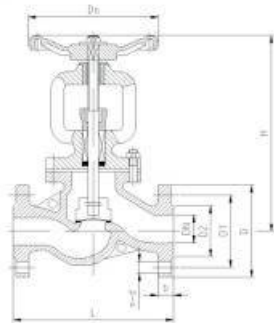
Material Specification

No	Parts name	Material	USA Standard
1	Body	Cast Iron	BS1452 Gr.220
2	Seat Rings	Cast Bronze	BS1400 LG2
3	Guide Pin	Brass	BS2874 CZ122
4	Disc	Cast Bronze	BS1400 LG2
5	Disc stem nut lockwasher	Brass	BS2874 CZ122
6	Nut	Bast Brass	BS1400 PCB1
7	Bolts	Steel	BS970 43A
8	Body Gasket	Graphite	BS2494 Type W
9	Bonnet	Cast Iron	BS1452 Gr.220
10	Packing	Graphite	BS2494 Type W
11	Gland Follower	Ductile Iron	BS2789 Gr420-12
12	Gland Follower Bolts	Steel	BS970 43A
13	Gland Follower Nuts	Steel	BS970 43A
14	Stem	Brass	BS2874 CZ122
15	Yoke Bushing	Cast Bronze	BS1400 LG2
16	Screw	Steel	BS970 43A
17	Handwheel	Cast Iron	BS1452 Gr.220
18	Washer	Steel	BS970 43A
19	HandwheelNut	Steel	BS970 43A

Dimensions

DN	L	D	D1	b	f	Z-ød	D0	H
50	203	165	125	20	2	4-19	178	295
65	216	185	145	20	2	4-19	178	330
80	241.3	200	160	22	2	8-19	200	365
100	292	220	180	24	2	8-19	254	400
125	330	250	210	26	2.5	8-19	300	450
150	356	285	240	26	2.5	8-23	300	525
200	495.3	340	295	30	2.5	12-23	348	695
250	622	405	355	32	2.5	12-28	400	685
300	698.5	460	410	32	2.5	12-28	457	830

Cast Iron Globe Valves DIN3356 PN16



Technical Specification

Design: DIN3356

Face to face: DIN3202 F1

Flanges: DIN2533 PN16

Hydraulic test to ISO5208

Seat test pressure: 1.76bar

Shell test pressure: 2.4bar

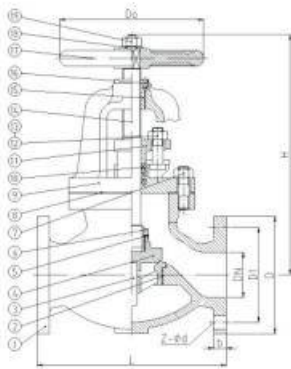
Material Specification

No	Parts name	Material	Specification
1	Body	Grey Cast Iron	DIN
2	Bonnet	Grey Cast Iron	DIN
3	Stem	Stainless Steel	DIN
4	Yoke Nut	Brass	DIN
5	Seat ring	Stainless Steel	DIN
6	Disc ring	Stainless Steel	DIN
7	Handwheel	Cast Iron	DIN
8	Gland packing	Lubricated Asbestos	DIN

Dimensions

DN	L	D	D1	D2	L	B	Z-Ød	D0	H
50	230	165	125	125	102	20	4-18	200	290
65	90	185	145	145	122	20	4-18	200	320
80	310	200	160	160	138	22	8-18	200	365
100	350	220	180	180	158	24	8-18	240	410
125	400	250	210	210	188	26	8-18	240	460
150	480	285	240	240	212	26	8-22	280	525
200	600	340	295	295	268	30	8-22	360	685
250	730	405	355	355	320	32	12-26	400	830
300	850	460	410	410	378	32	12-26	450	925

Cast Iron Globe Valves Flanged Ends MSS SP-86 B16 Class125



Technical Specification

Confirms to MSS SP-85

Flange drilled to ANSI B16.1(125lb)

Face to face dimension confirm to ANSI B16.1(125lb)

Working pressure: 125S,200WOG

Suitable media: water, oil, gas

Material Specification

No	Parts name	Material	USA Standard
1	Body	Cast Iron	BS1452 Gr.220
2	Seat Rings	Cast Bronze	BS1400 LG2
3	Guide Pin	Brass	BS2874 CZ122
4	Disc	Cast Bronze	BS1400 LG2
5	Disc stem nut lockwasher	Brass	BS2874 CZ122
6	Nut	Cast Brass	BS1400 PCB1
7	Bolts	Steel	BS970 43A
8	Body Gasket	Graphite	BS2494 Type W
9	Bonnet	Cast Iron	BS1452 Gr.220
10	Packing	Graphite	BS2494 Type W
11	Gland Follower	Ductile Iron	BS2789 Gr420-12
12	Gland Follower Bolts	Steel	BS970 43A
13	Gland Follower Nuts	Steel	BS970 43A
14	Stem	Brass	BS2874 CZ122
15	Yoke Bushing	Cast Bronze	BS1400 LG2
16	Screw	Steel	BS970 43A
17	Handwheel	Cast Iron	BS1452 Gr.220
18	Washer	Steel	BS970 43A
19	HandwheelNut	Steel	BS970 43A

Dimensions

DN	L	D	D1	b	Z-Ød	D0	H
50	203	152	121	15.9	4-19	178	295
65	216	178	140	17.5	4-19	178	330
80	241.3	191	152.5	19.1	4-19	200	365
100	292	229	190.5	23.5	8-19	254	400
125	330	254	215.9	23.8	8-22	300	450
150	356	279.4	241.3	25.4	8-22	300	525
200	495.3	343	298.5	28.6	8-22	348	695
250	622	406	362	30.2	12-25	400	685
300	698.5	483	432	31.8	12-25	457	830