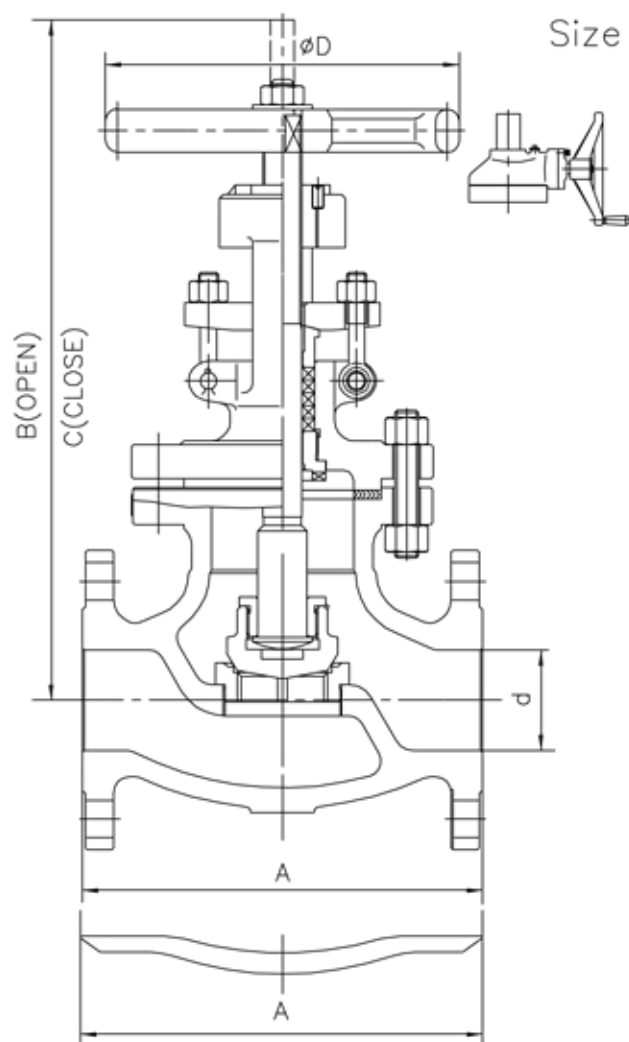




GLOBE VALVES—Class 150#, 300#



Size range: 2" to 24"

Class 150# Fig NO. 243(RF/RTJ)
243 1/2 (BW)

DIMENSIONS AND WEIGHTS

Size inch	d	A RF & BW	B (OPEN)	C (CLOSE)	D	Weight(kg) RF & BW	
2"	51	203	309	284	216	22	19
3"	76	241	399	361	254	42	34
4"	102	292	457	406	310	64	49
6"	152	406	574	511	457	77	65
8"	203	495	689	618	560	105	82
10"	254	622	834	737	560	288	249
12"	305	699	923	813	610	507	430
14"	337	787	1025	987	610	617	580
16"	387	914	1495	1354	640	810	763
18"	438	978	1565	1425	1000	1205	1025
20"	489	978	1625	1589	1200	1720	1460
24"	591	1295	1798	1698	1200	2506	2390

Class 300# Fig NO. 251(RF/RTJ)
251 1/2 (BW)

DIMENSIONS AND WEIGHTS

Size inch	d	A RF & BW	B (OPEN)	C (CLOSE)	D	Weight(kg) RF & BW	
2"	51	267	376	350	200	31	26
3"	76	318	524	488	250	57	44
4"	102	356	617	572	350	86	68
6"	152	445	741	678	450	168	138
8"	203	559	879	808	560	280	228
10"	254	622	834	851	560	385	329
12"	305	711	996	890	640	724	618
14"	337	787	1068	950	640	978	880
16"	387	838	1535	1360	1000	1336	1250
18"	432	978	1717	1520	1200	1896	1700
16"	387	838	2000	1780	1000	1336	1250
18"	432	978	2100	1870	1200	1896	1700

STANDARDS:

Design	ANSI B16.34&BS 1873
Test	API 598
Face to Face Dimensions	ANSI B16.10
End Flange Dimensions	ANSI B16.5
Butt-Weld Ends	ANSI B16.25

Other Sizes and materials: On request

RF: Flanged BW: Butt Weld

* Disc: Conical design available on request.

AVAILABLE OPTIONS:

STRUCTURE	End, Connection: Flange Raised Face, Butt Weld, RTJ...	
	Seat Rings:	Threaded (Renewable), Welded
	Operation:	Handwheel, Gear, Electric, Pneumatic, Hydraulic...
* MATERIALS	Body:	WCB, WC1, WC6, WC9, LCB, LCC, LC3, C5, C12, CF8, CF8M, CF3, CF3M, CF8C...
	Trims:	13%Cr, 304, 304L, 316, 316L, 321, 347, F-51, Monel...

* Please refer to page of "Build Material"



GLOBE VALVES—Class 600#, 900#

Size range: 2" to 24"

Size range: 2" to 20"

Class 600# Fig NO. 271(RF/RTJ)
271 1/2 (BW)

DIMENSIONS AND WEIGHTS

Size inch	d	A RF & BW	B (OPEN)	C (CLOSE)	D	Weight(kg) RF & BW	
2"	51	292	458	403	250	39	33
3"	76	356	522	491	350	73	61
4"	102	432	677	580	450	120	95
6"	152	559	841	831	500	327	261
8"	200	660	996	862	560	482	385
10"	248	787	1040	952	640	700	588
12"	298	838	1275	1175	640	900	795
14"	327	889	1550	1380	1200	1589	1480
16"	375	991	1740	1560	1500	2277	2100

Class 900# Fig NO. 283(RF/RTJ)
283 1/2 (BW)

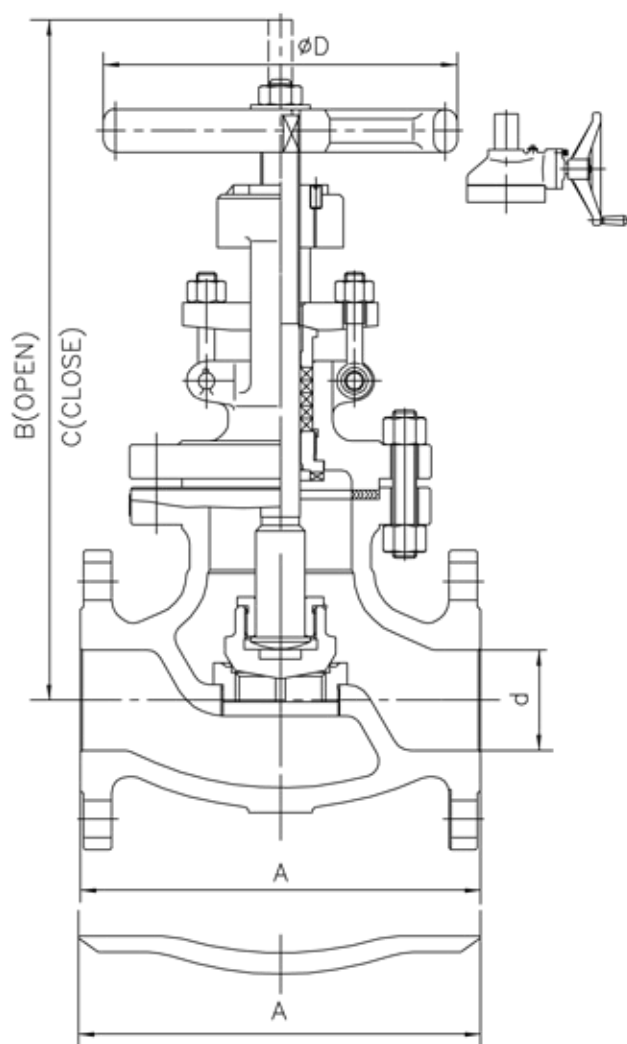
DIMENSIONS AND WEIGHTS

Size inch	d	A RF & BW	B (OPEN)	C (CLOSE)	D	Weight(kg) RF & BW	
2"	47	368	531	498	355	100	75
3"	73	381	570	520	460	131	105
4"	98	457	655	605	560	218	185
6"	146	610	862	790	650	452	340
8"	191	737	1466	1366	650	710	630
10"	238	838	1750	1531	1200	870	690
12"	282	965	1800	1605	1200	1125	900

Other Sizes: On request

RF: Flanged BW: Butt Weld

* Use of gear actuator is recommended



STANDARDS:

Design	ANSI B16.34 & BS 1873
Test	API 598
Face to Face Dimensions	ANSI B16.10
End Flange Dimensions	ANSI B16.5
Butt-Weld Ends	ANSI B16.25

AVAILABLE OPTIONS:

STRUCTURE	End, Connection: Flange Raised Face, Butt Weld, RTJ...	
	Seat Rings:	Threaded (Renewable), Welded
	Operation:	Handwheel, Gear, Electric, Pneumatic, Hydraulic...
* MATERIALS	Body:	WCB, WC1, WC6, WC9, LCB, LCC, LC3, C5, C12, CF8, CF8M, CF3, CF3M, CF8C...
	Trims:	13%Cr, 304, 304L, 316, 316L, 321, 347, F-51, Monel...

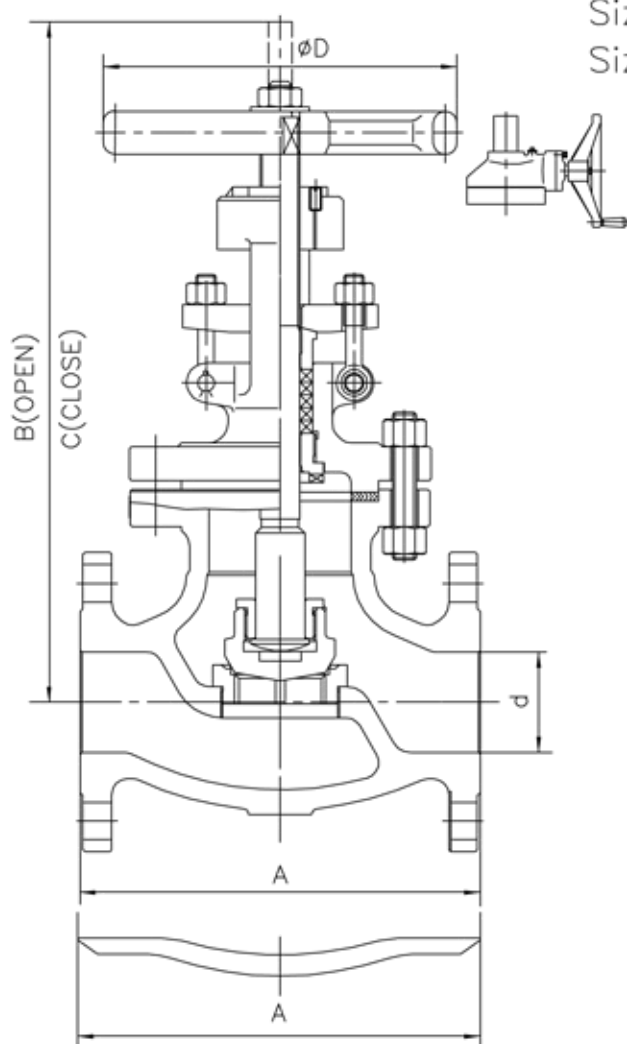
* Please refer to page of "Build Material"



GLOBE VALVES—Class 1500#, 2500#

Size range: 2" to 18"

Size range: 2" to 16"



Class 1500# Fig NO. 289(RF/RTJ)
289 1/2 (BW)

DIMENSIONS AND WEIGHTS

Size inch	d	A RF & BW	B (OPEN)	C (CLOSE)	D	Weight(kg) RF & BW	
2"	47	368	531	551	355	112	84
3"	70	470	675	682	560	228	183
4"	92	546	763	670	560	336	277
6"	136	705	990	1165	800	822	715
8"	178	832	1655	1545	1000	856	750
10"	222	991	1705	1585	1200	1215	1000
12"	263	1130	1950	1800	1200	2268	2050

Class 2500# Fig NO. 277(RF/RTJ)
277 1/2 (BW)

DIMENSIONS AND WEIGHTS

Size inch	d	A RF & BW	B (OPEN)	C (CLOSE)	D	Weight(kg) RF & BW	
2"	38	451	543	510	355	140	115
3"	57	578	685	645	560	265	212
4"	73	673	817	765	700	438	386
6"	111	914	996	930	800	900	798
8"	146	1022	*	*	*	1430	1212
10"	184	1270	*	*	*	2500	2148
12"	219	1422	*	*	*	3700	3308

Other Sizes: On request

RF: Flanged BW: Butt Weld

* Use of gear actuator is recommended

STANDARDS:

Design	ANSI B16.34 & BS 1873
Test	API 598
Face to Face Dimensions	ANSI B16.10
End Flange Dimensions	ANSI B16.5
Butt-Weld Ends	ANSI B16.25

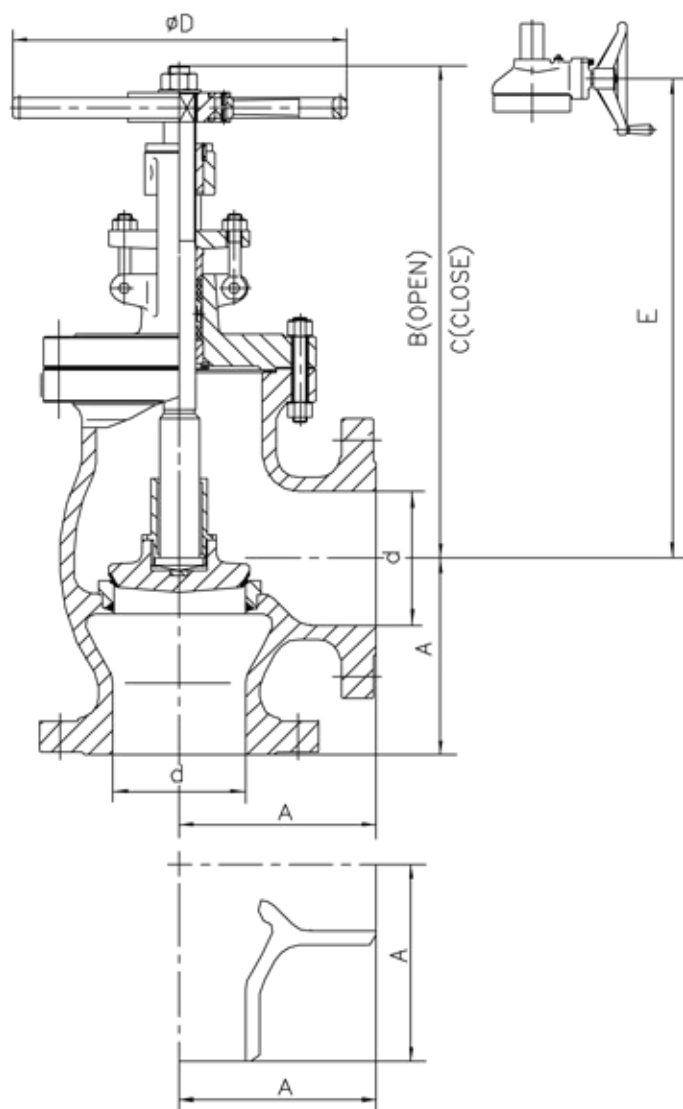
AVAILABLE OPTIONS:

STRUCTURE	End, Connection:	Flange Raised Face, Butt Weld, RTJ...
	Seat Rings:	Threaded (Renewable), Welded
	Operation:	Handwheel, Gear, Electric, Pneumatic, Hydraulic...
* MATERIALS	Body:	WCB, WC1, WC6, WC9, LCB, LCC, LC3, C5, C12, CF8, CF8M, CF3, CF3M, CF8C...
	Trims:	13%Cr, 304, 304L, 316, 316L, 321, 347, F-51, Monel...

* Please refer to page of "Build Material"



ANGLE GLOBE VALVES—Class 150#, 300#, 600#



Size range: 2" to 16"

Class 150# Fig NO. 243(RF/RTJ)
243 1/2 (BW)

DIMENSIONS AND WEIGHTS

Size Inch	d	A RF & BW	B (OPEN)	C (CLOSE)	D	E	Weight(kg) RF & BW	
2"	51	102	309	284	216		30	26
3"	76	121	399	361	254		55	45
4"	102	146	457	406	310		75	60
6"	152	203	574	511	457		110	90
8"	203	248	689	618	560		150	110
10"	254	311	834	737	560	810	370	320
12"	305	349	923	813	610	900	580	490

Class 300# Fig NO. 251(RF/RTJ)
251 1/2 (BW)

DIMENSIONS AND WEIGHTS

Size Inch	d	A RF & BW	B (OPEN)	C (CLOSE)	D	E	Weight(kg) RF & BW	
2"	51	133	376	350	200		45	35
3"	76	159	524	488	250		70	55
4"	102	178	617	572	350		105	80
6"	152	222	741	678	450		190	155
8"	203	279	879	808	560		340	290
10"	254	311	834	851	560	920	460	400
12"	305	356	996	890	640	970	790	690

Class 600# Fig NO. 271(RF/RTJ)
271 1/2 (BW)

DIMENSIONS AND WEIGHTS

Size Inch	d	A RF & BW	B (OPEN)	C (CLOSE)	D	E	Weight(kg) RF & BW	
2"	51	146	458	403	250		70	45
3"	76	178	522	491	350		110	80
4"	102	216	677	580	450		170	120
6"	152	279	841	831	500		380	280
8"	200	330	996	862	560	920	530	400
10"	248	394	1040	952	640	1020	770	640
12"	298	419	1275	1175	640	1250	980	845

STANDARDS:

Design	ANSI B16.34&BS 1873
Test	API 598
Face to Face Dimensions	ANSI B16.10
End Flange Dimensions	ANSI B16.5
Butt-Weld Ends	ANSI B16.25

AVAILABLE OPTIONS:

STRUCTURE	End,Connection: Flange Raised Face,Butt Weld,RTJ---	
	Seat Rings:	Threaded(Renewable),Welded
	Operation:	Handwheel,Gear,Electric,Pneumatic,Hydraulic---
* MATERIALS	Body:	WCB,WC1,WC6,WC9,LCB,LCC,LC3,C5,C12,CF8,CF8M,CF3,CF3M,CF8C---
	Trims:	13%Cr,304,304L,316,316L,321,347,F-51,Monel---

Other Sizes and materials: On request

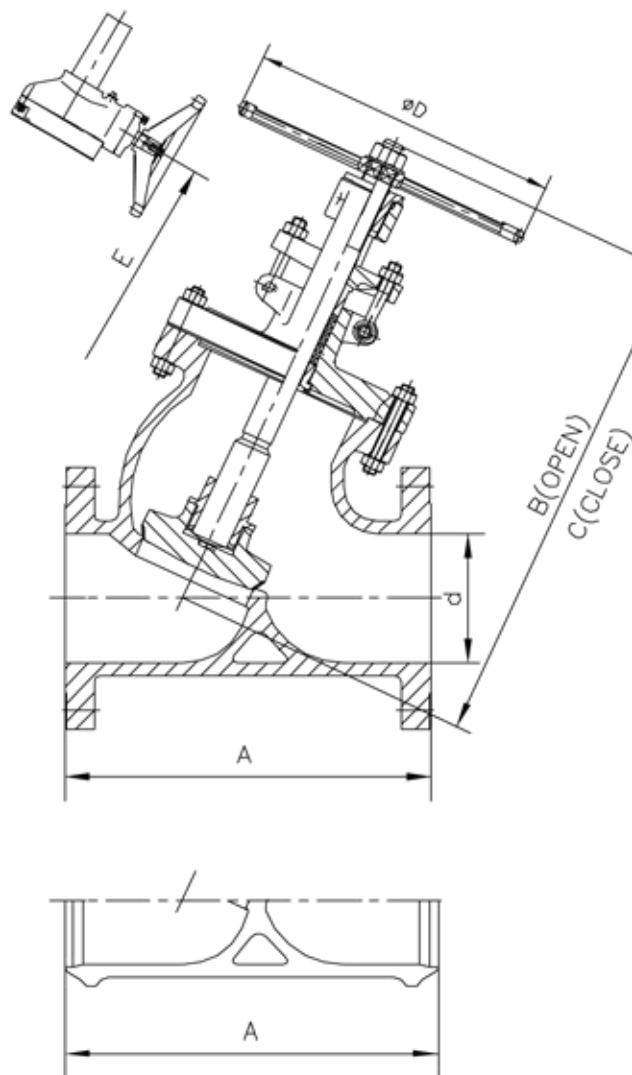
RF:Flanged BW:Butt Weld

* Disc: Conical design available on request.

*Please refer to page of "Build Material"



Y TYPE GLOBE VALVES—Class 150#, 300#, 600#



Size range: 2" to 16"

Class 150# Fig NO. 243(RF/RTJ)
243 1/2 (BW)

DIMENSIONS AND WEIGHTS

Size Inch	d	A RF & BW	B (OPEN)	C (CLOSE)	D	E	Weight(kg) RF & BW	
2"	51	229	315	290	216		25	21
3"	76	318	415	375	254		45	36
4"	102	368	465	410	310		70	55
6"	152	470	585	520	457		90	72
8"	203	597	700	625	560		120	95
10"	254	673	845	745	560	810	300	260
12"	305	775	950	830	610	900	525	450

Class 300# Fig NO. 251(RF/RTJ)
251 1/2 (BW)

DIMENSIONS AND WEIGHTS

Size Inch	d	A RF & BW	B (OPEN)	C (CLOSE)	D	E	Weight(kg) RF & BW	
2"	51	267	380	355	200		36	30
3"	76	318	540	500	250		65	50
4"	102	356	630	590	350		95	75
6"	152	445	755	695	450		185	150
8"	203	559	900	825	560		310	250
10"	254	622	860	820	560	920	435	360

Class 600# Fig NO. 271(RF/RTJ)
271 1/2 (BW)

DIMENSIONS AND WEIGHTS

Size Inch	d	A RF & BW	B (OPEN)	C (CLOSE)	D	E	Weight(kg) RF & BW	
2"	51	292	480	420	250		45	38
3"	76	356	550	415	350		90	70
4"	102	432	700	600	450		150	105
6"	152	559	880	720	500		360	300
8"	200	660	1050	880	560	920	520	420

Other Sizes and materials: On request

RF: Flanged BW: Butt Weld

* Disc: Conical design available on request.

STANDARDS:

Design	ANSI B16.34&BS 1873
Test	API 598
Face to Face Dimensions	ANSI B16.10
End Flange Dimensions	ANSI B16.5
Butt-Weld Ends	ANSI B16.25

AVAILABLE OPTIONS:

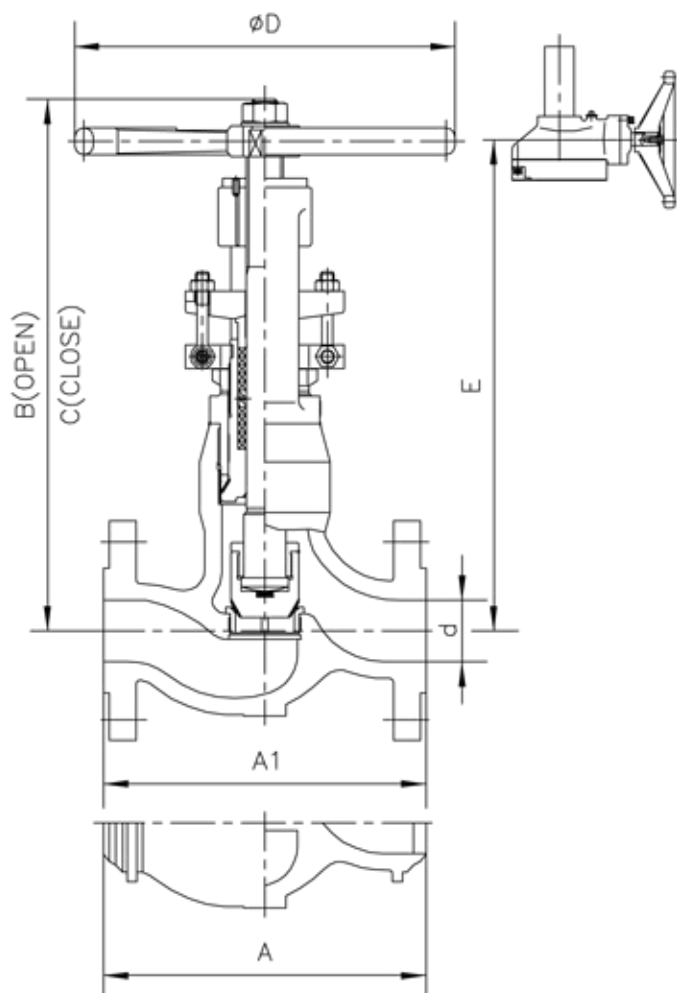
STRUCTURE	End, Connection: Flange Raised Face, Butt Weld, RTJ...	
	Seat Rings:	Threaded (Renewable), Welded
	Operation:	Handwheel, Gear, Electric, Pneumatic, Hydraulic...
* MATERIALS	Body:	WCB, WC1, WC6, WC9, LCB, LCC, LC3, C5, C12, CF8, CF8M, CF3, CF3M, CF8C...
	Trims:	13%Cr, 304, 304L, 316, 316L, 321, 347, F-51, Monel...

* Please refer to page of "Build Material"



GLOBE VALVES—CLASS 600~900#

Size range: 2" to 18"



Class 600# FIG 6600 PS
DIMENSIONS AND WEIGHTS

Size Inch	d	A1 (RF)	A (BW)	B (OPEN)	C (CLOSE)	D	E	Weight (Kg)(BW)
2"	51	292	178	405	373	250		17
3"	76	356	254	465	425	300		27
4"	102	432	305	573	523	450		42
6"	152	559	457	815	745	600		150
8"	200	660	584	1100	1012		1057	240
10"	248	787	711	1300	1190		1235	336
12"	298	838	813	1505	1375		1450	495
14"	327	889	889	1730	1580		1655	680
16"	375	991	991	1960	1790		1865	890
18"	419	1092	1092	2180	1990		2086	1150

Class 900# FIG 6900 PS
DIMENSIONS AND WEIGHTS

Size Inch	d	A1 (RF)	A (BW)	B (OPEN)	C (CLOSE)	D	E	Weight (Kg)(BW)
2"	47	368	216	493	458	350		30
3"	73	381	305	518	540	500		55
4"	98	457	356	615	569	600		104
6"	146	610	508	950	875		910	325
8"	191	737	660	1307	1211		1256	580
10"	238	838	787	1510	1390		1435	900
12"	282	965	914	1740	1600		1675	1300
14"	311	1029	991	1950	1790		1865	1625
16"	356	1092	1092	2160	1980		2050	2300

STANDARDS:

Design	ANSI B16.34&BS 1873
Test	API 598
Face to Face Dimensions	ANSI B16.10
End Flange Dimensions	ANSI B16.5
Butt-Weld Ends	ANSI B16.25

AVAILABLE OPTIONS:

STRUCTURE	End, Connection: Flange Raised Face, Butt Weld, RTJ...
	Seat Rings: Threaded(Renewable), Welded
	Operation: Handwheel, Gear, Electric, Pneumatic, Hydraulic...
MATERIALS	Body: WCB, WC1, WC6, WC9, LCB, LCC, LC3, C5, C12, CF8, CF8M, CF3, CF3M, CF8C...
	Trims: 13%Cr, 304, 304L, 316, 316L, 321, 347, F-51, Monel...

Other Sizes: On request

BW: Butt Weld

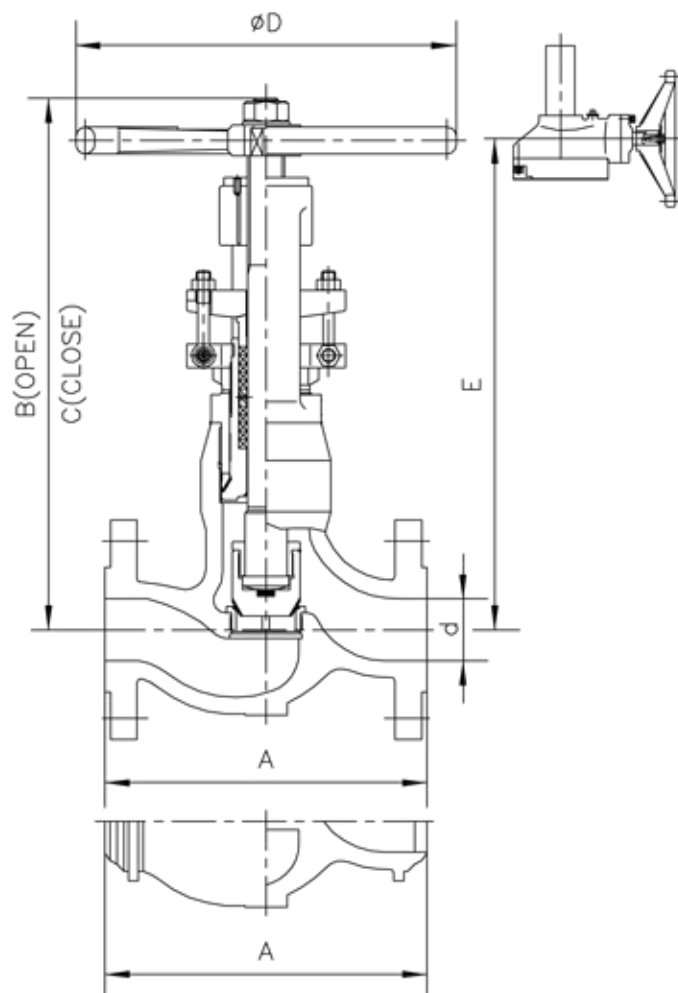
Class 600lb Sizes 8" and larger the use of gear actuator is recommended

Class 900lb Sizes 6" and larger the use of gear actuator is recommended



GLOBE VALVES—CLASS 1500~ 2500#

Size range: 2" to 14"



Class 1500# FIG 61500 PS
DIMENSIONS AND WEIGHTS

Size Inch	d	A (RF/BW)	B (OPEN)	C (CLOSE)	D	E	Weight (Kg)(BW)
2"	47	368	493	458	350		30
3"	70	470	580	540	450		70
4"	92	546	672	630	600		155
6"	136	705	930	870		915	340
8"	178	832	1355	1260		1305	710
10"	222	991	1625	1505		1550	1165
12"	263	1130	1840	1700		1775	1725
14"	289	1257	2100	1940		2035	2400

Class 2500# FIG 62500 PS
DIMENSIONS AND WEIGHTS

Size Inch	d	A (RF/BW)	B (OPEN)	C (CLOSE)	D	E	Weight (Kg)(BW)
2"	38	451	500	485	450		45
3"	57	578	680	662	500		95
4"	73	673	755	716	650		180
6"	111	914	1040	980		1025	450
8"	146	1022	1240	1158		1204	830
10"	184	1270	1520	1420		1495	1450
12"	219	1422	1780	1675		1750	2200

STANDARDS:

Design	ANSI B16.34&BS 1873
Test	API 598
Face to Face Dimensions	ANSI B16.10
End Flange Dimensions	ANSI B16.5
Butt-Weld Ends	ANSI B16.25

Other Sizes: On request

BW: Butt Weld

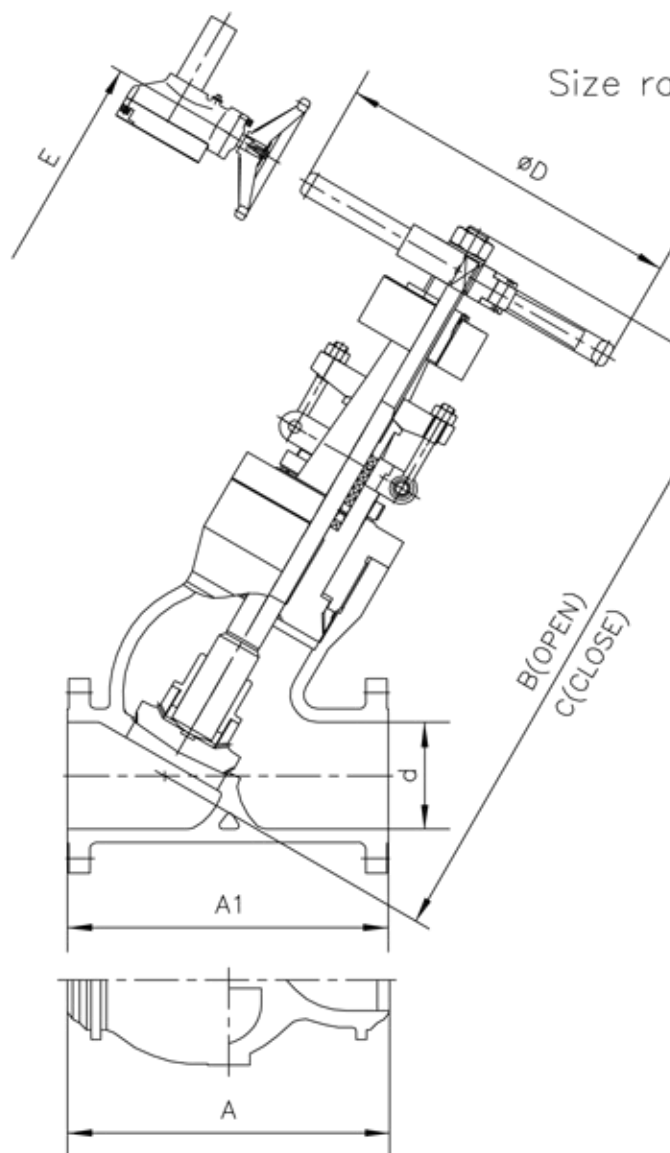
Sizes 6" and larger the use of gear actuator is recommended

AVAILABLE OPTIONS:

STRUCTURE	End, Connection:	Flange Raised Face, Butt Weld, RTJ...
	Seat Rings:	Threaded (Renewable), Welded
	Operation:	Handwheel, Gear, Electric, Pneumatic, Hydraulic...
MATERIALS	Body:	WCB, WC1, WC6, WC9, LCB, LCC, LC3, C5, C12, CF8, CF8M, CF3, CF3M, CF8C...
	Trims:	13%Cr, 304, 304L, 316, 316L, 321, 347, F-51, Monel...



Y-TYPE GLOBE VALVES—CLASS 600~900#



Class 600# FIG 6600 PSY
DIMENSIONS AND WEIGHTS

Size inch	d	A1 (RF)	A (BW)	B (OPEN)	C (CLOSE)	D	E	Weight (Kg)(BW)
2"	51	292	178	525	493	250		22
3"	76	356	254	585	545	300		32
4"	102	432	305	715	625	450		48
6"	152	559	457	965	895	600		160
8"	200	660	584	1255	1185		1210	265
10"	248	787	711	1460	1350		1385	360
12"	298	838	813	1665	1535		1600	520
14"	327	889	889	1890	1740		1805	750
16"	375	991	991	2100	1920		2015	960
18"	419	1092	1092	2310	2120		2236	1200

Class 900# FIG 6900 PSY
DIMENSIONS AND WEIGHTS

Size inch	d	A1 (RF)	A (BW)	B (OPEN)	C (CLOSE)	D	E	Weight (Kg)(BW)
2"	47	368	216	593	558	350		35
3"	73	381	305	618	640	500		60
4"	98	457	356	715	669	600		110
6"	146	610	508	1050	975		1010	340
8"	191	737	660	1407	1311		1356	620
10"	238	838	787	1610	1490		1535	1000
12"	282	965	914	1840	1700		1775	1400
14"	311	1029	991	2050	1890		1965	1750
16"	356	1092	1092	2260	2080		2150	2500

STANDARDS:

Design	ANSI B16.34&BS 1873
Test	API 598
Face to Face Dimensions	ANSI B16.10
End Flange Dimensions	ANSI B16.5
Butt-Weld Ends	ANSI B16.25

AVAILABLE OPTIONS:

STRUCTURE	End,Connection:	Flange Raised Face,Butt Weld,RTJ...
	Seat Rings:	Threaded(Renewable),Welded
	Operation:	Handwheel,Gear,Electric,Pneumatic,Hydraulic...
MATERIALS	Body:	WCB,WC1,WC6,WC9,LCB,LCC,LC3,C5,C12,CF8,CF8M,CF3,CF3M,CF8C...
	Trims:	13%Cr,304,304L,316,316L,321,347,F-51,Monel...

Other Sizes:On request

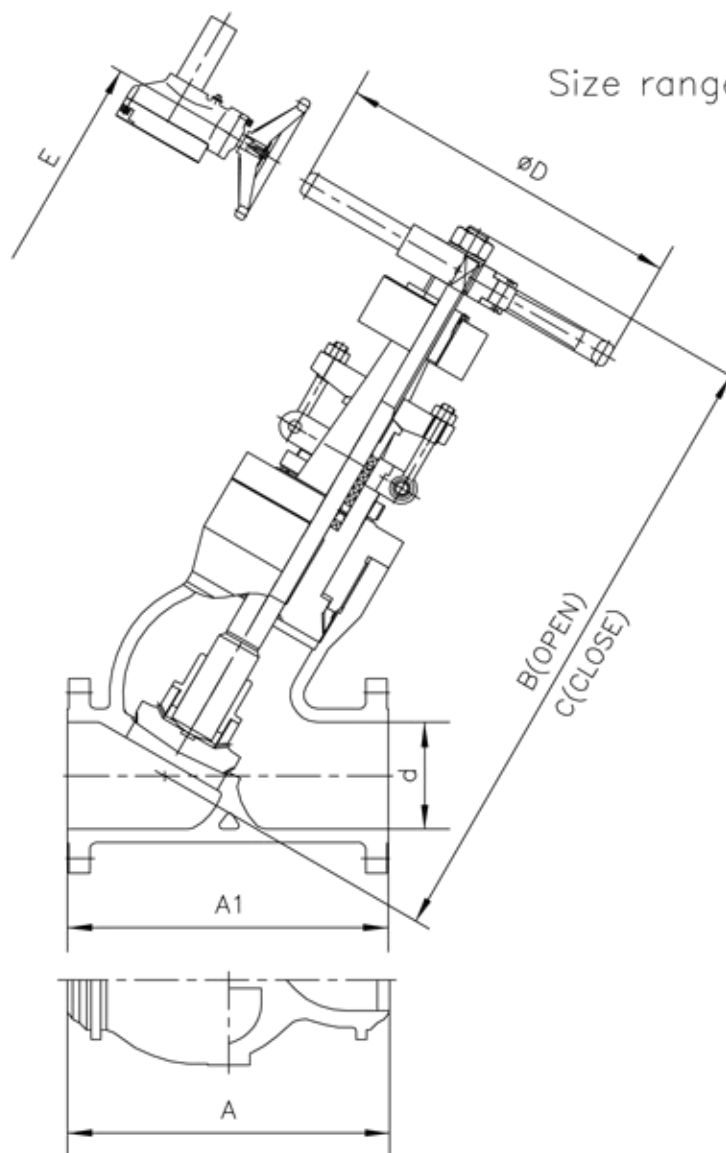
BW:Butt Weld

Class 600lb Sizes 8" and larger the use of gear actuator is recommended

Class 900lb Sizes 6" and larger the use of gear actuator is recommended



Y-TYPE GLOBE VALVES—CLASS 1500~2500#



Size range: 2" to 14"

Class 1500# FIG 61500 PSY
DIMENSIONS AND WEIGHTS

Size inch	d	A (RF/BW)	B (OPEN)	C (CLOSE)	D	E	Weight (Kg)(BW)
2"	47	368	593	558	350		35
3"	70	470	680	640	450		85
4"	92	546	775	735	600		170
6"	136	705	1040	980		1025	360
8"	178	832	1475	1380		1420	760
10"	222	991	1750	1630		1670	1200
12"	263	1130	1970	1830		1890	1830
14"	289	1257	2230	2070		2150	2500

Class 2500# FIG 62500 PSY
DIMENSIONS AND WEIGHTS

Size inch	d	A (RF/BW)	B (OPEN)	C (CLOSE)	D	E	Weight (Kg)(BW)
2"	38	451	600	585	450		55
3"	57	578	680	662	500		110
4"	73	673	855	816	650		200
6"	111	914	1140	1080		1125	500
8"	146	1022	1340	1258		1305	950
10"	184	1270	1620	1520		1595	1600
12"	219	1422	1880	1775		1850	2350

Other Sizes: On request

BW: Butt Weld

Sizes 6" and larger the use of gear actuator is recommended

STANDARDS:

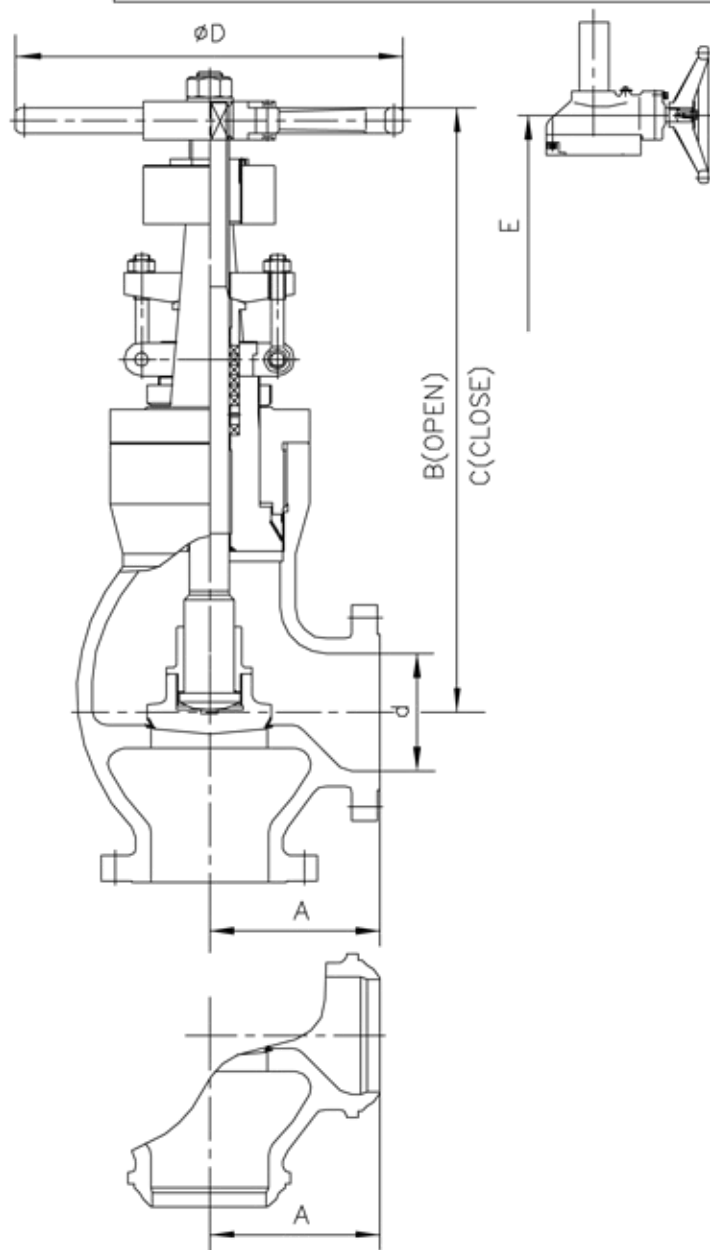
Design	ANSI B16.34 & BS 1873
Test	API 598
Face to Face Dimensions	ANSI B16.10
End Flange Dimensions	ANSI B16.5
Butt-Weld Ends	ANSI B16.25

AVAILABLE OPTIONS:

STRUCTURE	End, Connection:	Flange Raised Face, Butt Weld, RTJ...
	Seat Rings:	Threaded (Renewable), Welded
	Operation:	Handwheel, Gear, Electric, Pneumatic, Hydraulic...
MATERIALS	Body:	WCB, WC1, WC6, WC9, LCB, LCC, LC3, C5, C12, CF8, CF8M, CF3, CF3M, CF8C...
	Trims:	13%Cr, 304, 304L, 316, 316L, 321, 347, F-51, Monel...



ANGLE-TYPE GLOBE VALVES-CLASS 600~900#



Size range: 2" to 18"

Class 600# FIG 6600 PSA
DIMENSIONS AND WEIGHTS

Size inch	d	A RF&BW	B (OPEN)	C (CLOSE)	D	E	Weight (Kg)(BW)
2"	51	146	530	498	250		23
3"	76	178	590	550	300		33
4"	102	216	720	630	450		50
6"	152	279	970	900	600		165
8"	200	330	1260	1190		1215	270
10"	248	394	1465	1355		1390	370
12"	298	419	1670	1540		1605	530

Class 900# FIG 6900 PSA
DIMENSIONS AND WEIGHTS

Size inch	d	A RF&BW	B (OPEN)	C (CLOSE)	D	E	Weight (Kg)(BW)
2"	47	184	598	563	350		38
3"	73	190	623	645	500		65
4"	98	229	720	674	600		115
6"	146	305	1055	980		1015	350
8"	191	368	1412	1316		1361	630
10"	238	419	1615	1495		1540	1010
12"	282	483	1845	1705		1780	1410

STANDARDS:

Design	ANSI B16.34&BS 1873
Test	API 598
Face to Face Dimensions	ANSI B16.10
End Flange Dimensions	ANSI B16.5
Butt-Weld Ends	ANSI B16.25

Other Sizes: On request

BW: Butt Weld

Class 600lb Sizes 8" and larger the use of gear actuator is recommended

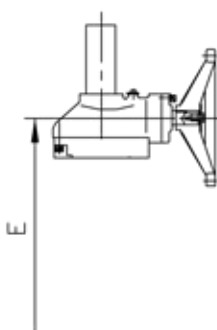
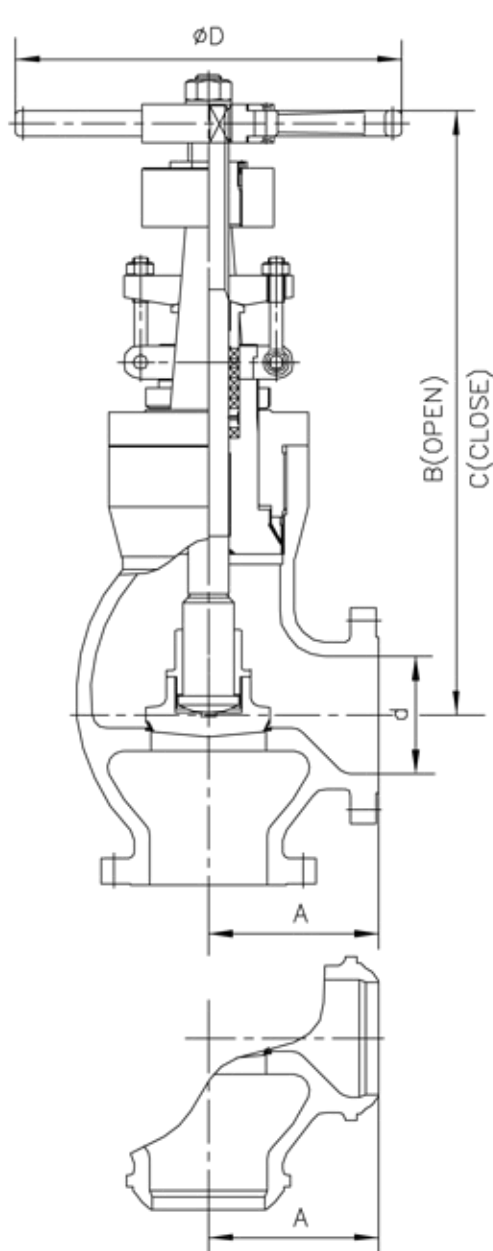
Class 900lb Sizes 6" and larger the use of gear actuator is recommended

AVAILABLE OPTIONS:

STRUCTURE	End, Connection: Flange Raised Face, Butt Weld, RTJ...
	Seat Rings: Threaded (Renewable), Welded
	Operation: Handwheel, Gear, Electric, Pneumatic, Hydraulic...
MATERIALS	Body: WCB, WC1, WC6, WC9, LCB, LCC, LC3, C5, C12, CF8, CF8M, CF3, CF3M, CF8C...
	Trims: 13%Cr, 304, 304L, 316, 316L, 321, 347, F-51, Monel...



ANGLE-TYPE GLOBE VALVES-CLASS 1500~2500#



Size range: 2" to 14"

Class 1500# FIG 61500 PSA
DIMENSIONS AND WEIGHTS

Size inch	d	A RF&BW	B (OPEN)	C (CLOSE)	D	E	Weight (Kg)(BW)
2"	47	184	598	563	350		38
3"	70	235	685	645	450		88
4"	92	273	780	740	600		175
6"	136	352	1045	985		1025	365
8"	178	416	1480	1385		1420	770
10"	222	495	1755	1635		1670	1220
12"	263	565	1975	1835		1890	1850

Class 2500# FIG 62500 PSA
DIMENSIONS AND WEIGHTS

Size inch	d	A RF&BW	B (OPEN)	C (CLOSE)	D	E	Weight (Kg)(BW)
2"	38	225	605	590	450		58
3"	57	289	685	667	500		113
4"	73	337	860	821	650		205
6"	111	457	1145	1085		1125	505
8"	146	511	1345	1263		1305	960
10"	184	635	1625	1525		1595	1620
12"	219	711	1885	1780		1850	2370

Other Sizes: On request

BW: Butt Weld

Sizes 6" and larger the use of gear actuator is recommended

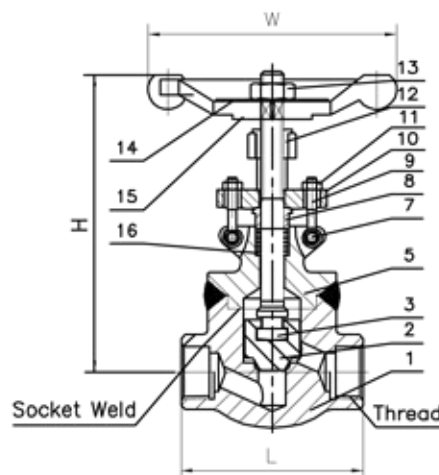
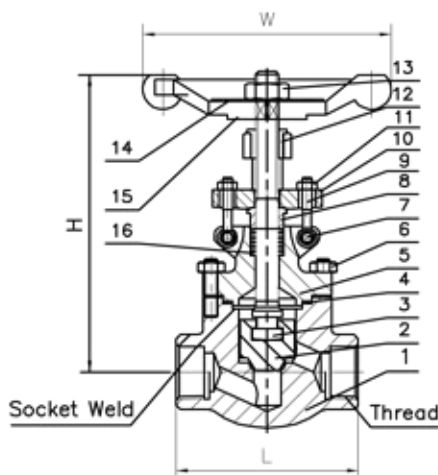
STANDARDS:

Design	ANSI B16.34&BS 1873
Test	API 598
Face to Face Dimensions	ANSI B16.10
End Flange Dimensions	ANSI B16.5
Butt-Weld Ends	ANSI B16.25

AVAILABLE OPTIONS:

STRUCTURE	End, Connection:	Flange Raised Face, Butt Weld, RTJ...
	Seat Rings:	Threaded (Renewable), Welded
	Operation:	Handwheel, Gear, Electric, Pneumatic, Hydraulic...
MATERIALS	Body:	WCB, WC1, WC6, WC9, LCB, LCC, LC3, C5, C12, CF8, CF8M, CF3, CF3M, CF8C...
	Trims:	13%Cr, 304, 304L, 316, 316L, 321, 347, F-51, Monel...

Globe Valve 800Lb



Standard Material Specifications

NO.	Part Name	CS To ASTM	AS To ASTM	SS To ASTM	
		Type A105	Type LF2	Type F304(L)	Type F316(L)
1	Body	A105	A182 LF2	A182 F304(L)	A182 F316(L)
2	Disc	A276 420	A276 304	A276 304(L)	A276 316(L)
3	Stem	A182 F6	A182 F304	A182 F304(L)	A182 F316(L)
4	Gasket	Corrugated SS+graphite		SS+PTFE	
5	Bonnet	A105	A276 304	A276 304(L)	A276 316(L)
6	Bonnet Bolt	A193 B7	A193 B16	A193 B8	A193 B8M
7	Pin	A276 420		A276 F304	
8	Gland	A276 410		A182 F304(L)	A182 F316(L)
9	Gland Eyebolt	A193 B7	A193 B16	A193 B8	A193 B8M
10	Gland Flange	A216 WCB		A351 CF8	
11	Gland Nut	A194 2H	A194 4	A194 8	A194 8M
12	Yoke Nut	A276 410			
13	H.W.Lock Nut	A194 2H	A194 4	A194 8	A194 8M
14	Nameplate	SS			
15	Handwheel	A197			
16	Stem Packing	Flexible Graphite		PTFE	
Suitable Medium		W.O.G.etc	W.O.G.etc	HNO ₃ ,CH ₃ OOH etc	
Suitable Temperature		-29°C~425°C	-29°C~550°C	-29°C~180°C	

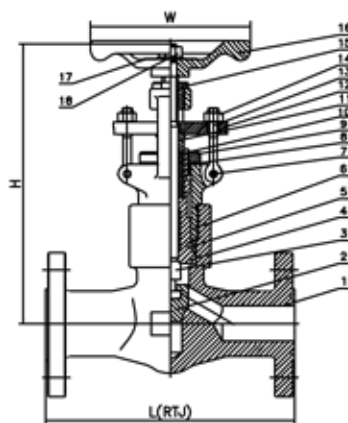
Note: Other materials are available upon request.

CS=Carbon Steel;AS=Alloy Steel;SS=Stainless Steel;

Dimensions(mm) and Weights(Kg)

NPS	Conv.	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	
	Full		3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
L		79	79	92	111	120	152	172	200
H(OPEN)		166	166	171	207	240	258	330	355
W		100	100	100	125	160	160	180	200
Weights	Bolted	1.9	1.9	2.1	3.5	6.0	7.5	11.4	14.6
	Welded	1.7	1.7	1.9	3.3	5.2	6.8	10.6	13.8

Flanged End Pressure-seal Globe Valve 900Lb~2500Lb



Standard Material Specifications

NO.	Part Name	CS To ASTM	AS To ASTM	SS To ASTM	
		Type A105	Type A182 LF2	Type F304(L)	Type F316(L)
1	Body	A105	A182 LF2	A182 F304(L)	A182 F316(L)
2	Disc	A276 420	A276 304	A276 304(L)	A276 316(L)
3	Stem	A182 F6	A182 F304	A182 F304(L)	A182 F316(L)
4	Pressure Seat	A105	A182 F304	A182 F304(L)	A182 F316(L)
5	Pressure Ring	A182 F304(L)			A182 F316(L)
6	Bonnet	A105	A182 LF2	A182 F304(L)	A182 F316(L)
7	Pin	A276 420		A182 F304	
8	P.S.Washer	A105	A182 LF2	A182 F304(L)	A182 F316(L)
9	P.S.Lock Nut	A194 2H	A194 4	A194 8	A194 8M
10	Stem Packing	Flexible Graphite		PTFE	
11	Gland	A276 420		A182 F304	
12	Gland Flange	A216 WCB		A351 CF8	
13	Gland Eyebolt	A193 B7	A193 B16	A193 B8	A193 B8M
14	Gland Nut	A194 2H	A194 4	A194 8	A194 8M
15	Yoke Nut	A276 410			
16	Handwheel	A197			
17	Nameplate	SS			
18	H.W.Nut	A194 2H	A194 4	A194 8	A194 8M
Suitable Medium		W.O.G.etc	W.O.G.etc	HNO ₃ ,CH ₃ OOH etc	
Suitable Temperature		-29°C~425°C	-29°C~550°C	-29°C~180°C	

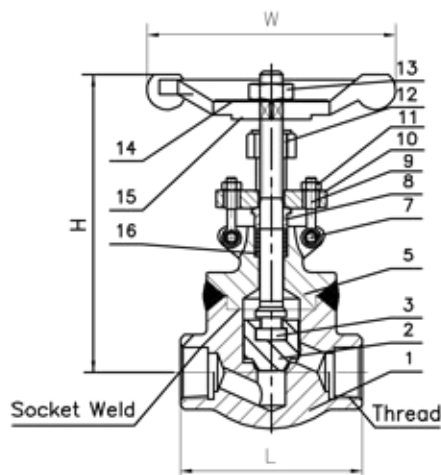
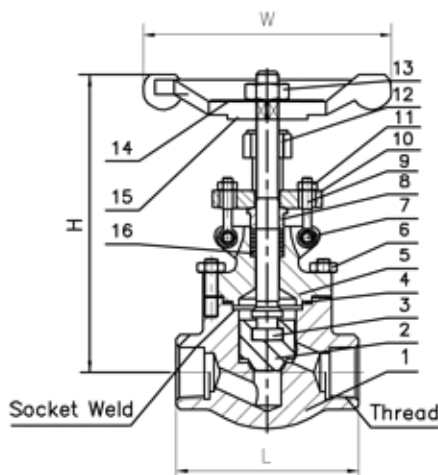
Note: Other materials are available upon request.

CS=Carbon Steel;AS=Alloy Steel;SS=Stainless Steel;

Dimensions(mm) and Weights(Kg)

NPS		1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
L(RTJ)	900Lb~1500Lb	216	229	254	279	305	368
	2500Lb	264	273	308	349	384	451
H(OPEN)	900Lb~1500Lb	318	318	318	398	408	524
	2500Lb	333	333	333	410	420	524
W		160	160	180	200	250	280
Weights	900Lb~1500Lb	15.5	16.9	18.9	28.9	34.3	52.8
	2500Lb	18.0	20.5	23.0	36.1	45.0	81.5

Globe Valve 900Lb~1500Lb



Standard Material Specifications

NO.	Part Name	CS To ASTM	AS To ASTM	SS To ASTM	
		Type A105	Type LF2	Type F304(L)	Type F316(L)
1	Body	A105	A182 LF2	A182 F304(L)	A182 F316(L)
2	Disc	A276 420	A276 304	A276 304(L)	A276 316(L)
3	Stem	A182 F6	A182 F304	A182 F304(L)	A182 F316(L)
4	Gasket	Corrugated SS+graphite		SS+PTFE	
5	Bonnet	A105	A276 304	A276 304(L)	A276 316(L)
6	Bonnet Bolt	A193 B7	A193 B16	A193 B8	A193 B8M
7	Pin	A276 420		A276 F304	
8	Gland	A276 410		A182 F304(L)	A182 F316(L)
9	Gland Eyebolt	A193 B7	A193 B16	A193 B8	A193 B8M
10	Gland Flange	A216 WCB		A351 CF8	
11	Gland Nut	A194 2H	A194 4	A194 8	A194 8M
12	Yoke Nut	A276 410			
13	H.W.Lock Nut	A194 2H	A194 4	A194 8	A194 8M
14	Nameplate	SS			
15	Handwheel	A197			
16	Stem Packing	Flexible Graphite		PTFE	
Suitable Medium		W.O.G.etc	W.O.G.etc	HNO ₃ ,CH ₃ OOH etc	
Suitable Temperature		-29°C~425°C	-29°C~550°C	-29°C~180°C	

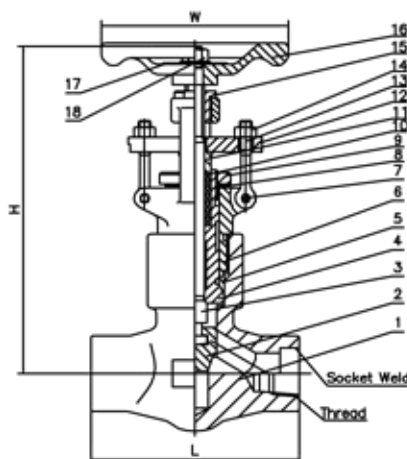
Note: Other materials are available upon request.

CS=Carbon Steel;AS=Alloy Steel;SS=Stainless Steel;

Dimensions(mm) and Weights(Kg)

NPS	Conv.	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	
	Full		3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
L		92	111	111	120	152	172	200	220
H(OPEN)		171	207	207	240	258	330	355	370
W		100	125	125	160	160	180	200	240
Weights	Bolted	2.2	3.7	3.6	6.8	7.6	11.6	15.0	21.9
	Welded	2.0	3.4	3.3	6.0	5.6	10.3	14.2	18.0

Pressure-seal Globe Valve 900Lb~2500Lb



Standard Material Specifications

NO.	Part Name	CS To ASTM	AS To ASTM	SS To ASTM	
		Type A105T	Type A182 LF2	Type A182 F304	Type A182 F316(L)
1	Body	A105	A182 LF2	A182 F304(L)	A182 F316(L)
2	Disc	A276 420	A276 304	A276 304(L)	A276 316(L)
3	Stem	A182 F6	A182 F304	A182 F304(L)	A182 F316(L)
4	Pressure Seat	A105	A182 F304	A182 F304(L)	A182 F316(L)
5	Pressure Ring	A182 F304(L)			A182 F316(L)
6	Bonnet	A105	A182 LF2	A182 F304(L)	A182 F316(L)
7	Pin	A276 420		A182 F304	
8	P.S.Washer	A105	A182 LF2	A182 F304(L)	A182 F316(L)
9	P.S.Lock Nut	A194 2H	A194 4	A194 8	A194 8M
10	Stem Packing	Corrugated SS+graphite		SS+PTFE	
11	Gland	A276 420		A182 F304	
12	Gland Flange	A216 WCB		A351 CF8	
13	Gland Eyebolt	A193 B7	A193 B16	A193 B8	A193 B8M
14	Gland Nut	A194 2H	A194 4	A194 8	A194 8M
15	Yoke Nut	A276 410			
16	Handwheel	A197			
17	Nameplate	SS			
18	H.W.Nut	A194 2H	A194 4	A194 8	A194 8M
Suitable Medium		W.O.G.etc	W.O.G.etc	HNO ₃ ,CH ₃ OOH etc	
Suitable Temperature		-29°C~425°C	-29°C~550°C	-29°C~180°C	

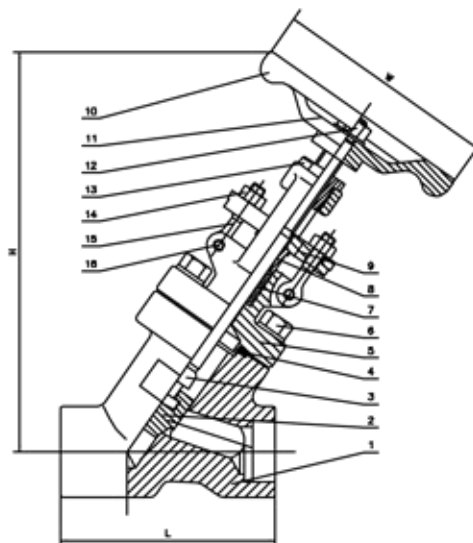
Note: Other materials are available upon request.

CS=Carbon Steel;AS=Alloy Steel;SS=Stainless Steel;

Dimensions(mm) and Weights(Kg)

NPS		1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
L	900Lb~1500Lb	140	140	140	178	178	216
	2500Lb	186	186	186	232	232	279
H(OPEN)		333	333	333	408	408	524
W		160	160	180	200	250	280
Weights	900Lb~1500Lb	11.2	10.5	10.1	21.0	19.6	40.4
	2500Lb	12.3	11.6	10.8	28.0	26.4	43.8

Y-Pattern Globe Valve 800Lb



Standard Material Specifications

NO.	Part Name	CS To ASTM	AS To ASTM	SS To ASTM	
		Type A105	Type LF2	Type F304(L)	Type F316(L)
1	Body	A105	A182 LF2	A182 F304(L)	A182 F316(L)
2	Disc	A276 420	A276 304	A276 304(L)	A276 316(L)
3	Stem	A182 F6	A182 F304	A182 F304(L)	A182 F316(L)
4	Gasket	Corrugated SS+graphite		SS+PTFE	
5	Bonnet	A105	A276 304	A276 304(L)	A276 316(L)
6	Bonnet Bolt	A193 B7	A193 B16	A193 B8	A193 B8M
7	Stem Packing	Flexible Graphite		PTFE	
8	Gland	A276 410		A182 F304(L)	A182 F316(L)
9	Gland Flange	A216 WCB		A351 CF8	
10	Handwheel	A197			
11	Nameplate	SS			
12	H.W.Nut	A194 2H	A194 4	A194 8	A194 8M
13	Yoke Nut	A276 410			
14	Gland Nut	A194 2H	A194 4	A194 8	A194 8M
15	Gland Eyebolt	A193 B7	A193 B16	A193 B8	A193 B8M
16	Pin	A276 420		A276 304	
Suitable Medium		W.O.G.etc	W.O.G.etc	HNO ₃ ,CH ₃ OOH etc	
Suitable Temperature		−29°C~425°C	−29°C~550°C	−29°C~180°C	

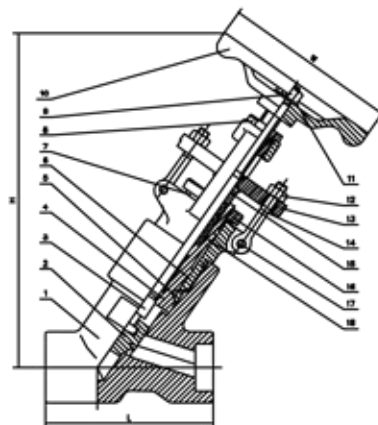
Note: Other materials are available upon request.

CS=Carbon Steel;AS=Alloy Steel;SS=Stainless Steel;

Dimensions(mm) and Weights(Kg)

NPS	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
L	98	111	120	140	140	170
H(OPEN)	175	215	254	305	305	365
W	100	125	160	160	180	200
Weights	5.0	6.3	7.6	9.8	13.8	14.0

Pressure-Seal Y-Pattern Globe Valve 900Lb~2500Lb



Standard Material Specifications

NO.	Part Name	CS To ASTM	AS To ASTM	SS To ASTM	
		Type A105	Type LF2	Type F304(L)	Type F316(L)
1	Body				
2	Disc	A276 420	A276 304	A276 304(L)	A276 316(L)
3	Stem	A182 F6		A182 F304(L)	A182 F316(L)
4	Pressure Seat	A105	A182 LF2	A182 F304(L)	A182 F316(L)
5	Pressure Ring	A182 F304(L)			A182 F316(L)
6	Bonnet	A105	A182 LF2	A182 F304(L)	A182 F316(L)
7	P.S.Washer	A105	A182 LF2	A182 F304(L)	A182 F316(L)
8	Yoke Nut	A276 410			
9	H.W.Lock Nut	A194 2H	A194 4	A194 8	A194 8M
10	Handwheel	A197			
11	Nameplate	SS			
12	Gland Nut	A194 2H	A194 4	A194 8	A194 8M
13	Gland Flange	A216 WCB		A351 CF8	
14	Gland Eyebolt	A193 B7	A193 B16	A193 B8	A1983 B8M
15	Gland	A276 420		A182 F304	
16	P.S.Lock Nut	A194 2H	A194 4	A194 8	A194 8M
17	Pin	A276 420		A182 F304	
18	Stem Packing	Flexible Graphite		PTFE	
Suitable Medium		W.O.G.etc	W.O.G.etc	HNO ₃ ,CH ₃ OOH etc	
Suitable Temperature		-29°C~425°C	-29°C~550°C	-29°C~180°C	

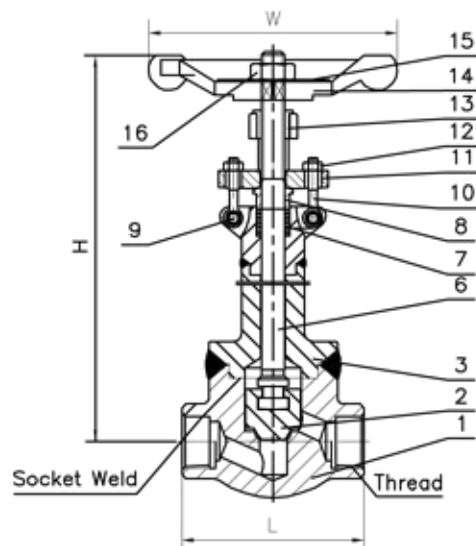
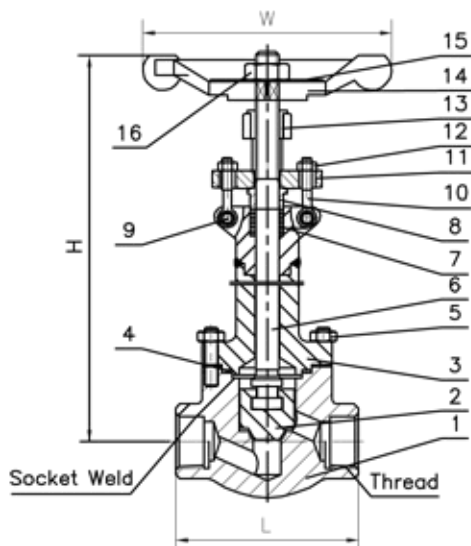
Note: Other materials are available upon request.

CS=Carbon Steel;AS=Alloy Steel;SS=Stainless Steel;

Dimensions(mm) and Weights(Kg)

NPS		1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
L	900~1500Lb	98	111	120	140	140	170
	2500Lb	175	215	254	305	305	365
H(OPEN)		98	111	120	140	140	170
W		175	215	254	305	305	365
Weights	900~1500Lb	100	125	160	160	180	200
	2500Lb	5.0	6.3	7.6	9.8	13.8	14.0

Cryogenic Globe Valve 800Lb



Standard Material Specifications

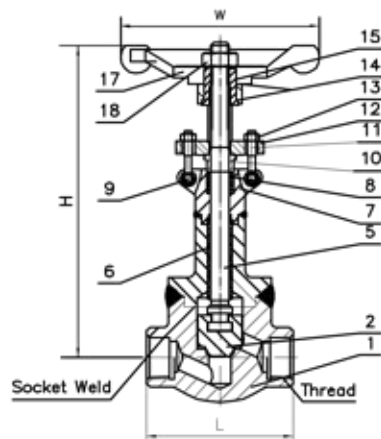
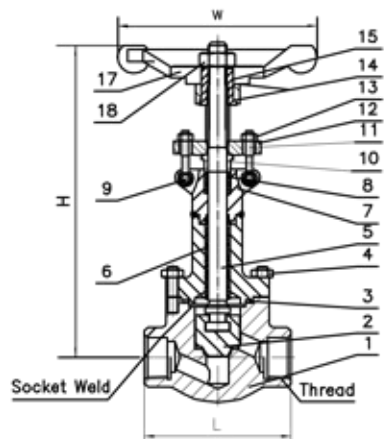
NO.	Part Name	CS To ASTM	AS To ASTM	SS To ASTM	
		Type Lf2	Type Lf3	Type F304(L)	Type F316(L)
1	Body	A350 Lf2	A350 Lf3	A182 F304(L)	A182 F316(L)
2	Seat Ring	A276 410	A276 304(L)	A276 304(L)	A276 316(L)
3	Bonnet	A350 Lf2	A350 Lf3	A182 F304(L)	A182 F316(L)
4	Gasket	Corrugated SS+graphite		SS+PTFE	
5	Bolt Nut	A193 B7	A193 B7	A193 B8	A193 B8(M)
6	Stem	A182 F6	A182 F6	A182 F304(L)	A182 F316(L)
7	Stem Packing	Flexible Graphite		PTFE	
8	Gland	A276 420		A182 F304	
9	Pin	A276 420		A182 F304	
10	Gland Eyebolt	A193 B7	A193 B16	A193 B8	A193 B8(M)
11	Gland Flange	A216 WCB		A351 CF8	
12	Gland Nut	A194 2H	A194 4	A194 8	A194 8M
13	Yoke Nut	A276 410			
14	Handwheel	A197			
15	Nameplate	SS			
16	H.W. Nut	A194 2H	A194 4	A194 8	A194 8M
Suitable Temperature		≥ -40°C	≥ -101°C	≥ -196°C	

Note: Other materials are available upon request.
CS=Carbon Steel; AS=Alloy Steel; SS=Stainless Steel;

Dimensions(mm) and Weights(Kg)

NPS	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
L	79	92	111	120	120	172	200
H(OPEN)	333	337	370	480	410	474	546
W	100	100	125	160	160	180	200
Weights	Bolted	5.2	7.2	10.9	13.5	15.2	19.8
	Welded	4.8	6.5	9.5	11.5	13.1	17.5

Bellow sealed Globe Valve 800Lb



Standard Material Specifications

NO.	Part Name	CS To ASTM	AS To ASTM	SS To ASTM	
		Type A105	Type LF2	Type F304(L)	Type F316(L)
1	Body	A105	A182 LF2	A182 F304(L)	A182 F316(L)
2	Disc	A276 420	A276 304	A276 304(L)	A276 316(L)
3	Gasket	Corrugated SS+graphite		SS+PTFE	
4	Bonnet Bolt	A193 B7	A193 B16	A193 B8	A193 B8M
5	Stem	A182 F6	A182 F304	A182 F304(L)	A182 F316(L)
6	Bellow Pipe	SS			
7	Bonnet	A105	A182 LF2	A182 F304(L)	A182 F316(L)
8	Stem Packing	Flexible Graphite		PTFE	
9	Pin	A276 420		A182 F304	
10	Gland	A276 420		A182 F304	
11	Gland Eyebolt	A193 B7	A193 B16	A193 B8	A193 B8M
12	Gland Flange	A216 WCB		A351 CF8	
13	Gland Nut	A194 2H	A194 4	A194 8	A194 8M
14	Bearing Washer	SS			
15	Yoke Nut	A276 410			
16	Nameplate	SS			
17	Handwheel	A197			
18	H.W.Nut	A194 2H	A194 4	A194 8	A194 8M
Suitable Medium		W.O.G.etc	W.O.G.etc	HNO ₃ ,CH ₃ OOH etc	
Suitable Temperature		-29°C~425°C	-29°C~550°C	-29°C~180°C	

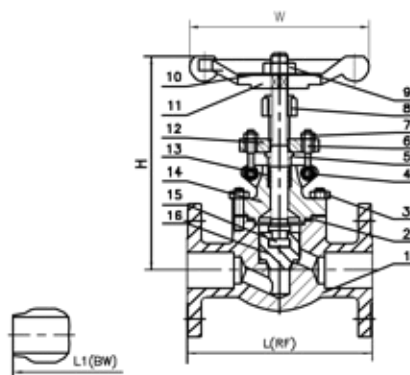
Note: Other materials are available upon request.

CS=Carbon Steel;AS=Alloy Steel;SS=Stainless Steel;

Dimensions(mm) and Weights(Kg)

NPS		Conv.	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
		Full		3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"
L			79	79	92	111	120	152	172
H(OPEN)			220	220	225	244	321	321	347
W			100	100	100	125	160	160	180
Weights	Bolted		3.2	3.0	4.8	7.9	11.0	16.8	25.2
	Welded		3.0	2.8	4.8	7.0	9.6	13.5	20.2

Flanged End Globe Valve 150Lb~600Lb



Standard Material Specifications

NO.	Part Name	CS To ASTM	AS To ASTM	SS To ASTM	
		Type A105	Type LF2	Type F304(L)	Type F316(L)
1	Body	A105	A182 LF2	A182 F304(L)	A182 F316(L)
2	Gasket	Corrugated SS+graphite		SS+PTFE	
3	Bonnet Bolt	A193 B7	A193 B16	A193 B8	A193 B8M
4	Pin	A276 420		A276 304	
5	Gland	A276 410		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			
9	H.W.Nut	A194 2H	A194 4	A194 8	A194 8M
10	Nameplate	SS			
11	Handwheel	A197			
12	Gland Flange	A216 WCB		A351 CF8	
13	Stem Packing	Flexible Graphite		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	HNO ₃ ,CH ₃ OOH etc	
Suitable Temperature		-29°C~425°C	-29°C~550°C	-29°C~180°C	

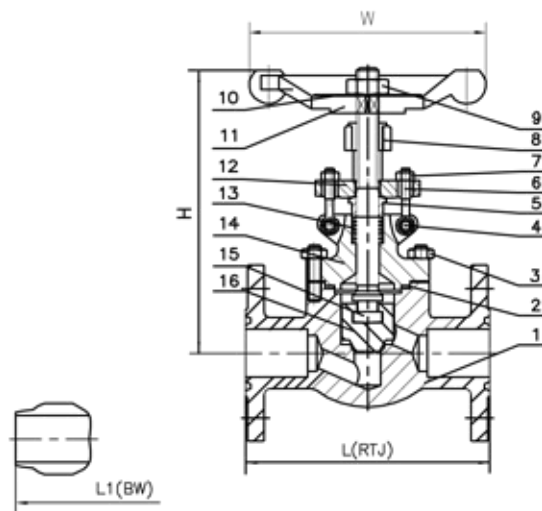
Note:Other materials are available upon request.

CS=Carbon Steel;AS=Alloy Steel;SS=Stainless Steel;

Dimensions(mm) and Weights(Kg)

NPS			1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
L(RF)	150		108	117	127	140	165	203
	300		152	178	203	216	229	267
L1(BW)	600		165	190	216	229	241	292
	150,300		166	171	207	240	258	330
H(OPEN)	600		171	207	240	258	330	380
W			100	100	125	160	160	180
Weights	150	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
	300	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
	600	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

Flanged End Globe Valve 900Lb~1500Lb



Standard Material Specifications

NO.	Part Name	CS To ASTM	AS To ASTM	SS To ASTM	
		Type A105	Type LF2	Type F304(L)	Type F316(L)
1	Body	A105	A182 LF2	A182 F304(L)	A182 F316(L)
2	Gasket	Corrugated SS+graphite		SS+PTFE	
3	Bonnet Bolt	A193 B7	A193 B16	A193 B8	A193 B8M
4	Pin	A276 420		A276 304	
5	Gland	A276 410		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			
9	H.W.Nut	A194 2H	A194 4	A194 8	A194 8M
10	Nameplate	SS			
11	Handwheel	A197			
12	Gland Flange	A216 WCB		A351 CF8	
13	Stem Packing	Flexible Graphite		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	HNO ₃ ,CH ₃ OOH etc	
Suitable Temperature		-29°C~425°C	-29°C~550°C	-29°C~180°C	

Note: Other materials are available upon request.

CS=Carbon Steel;AS=Alloy Steel;SS=Stainless Steel;

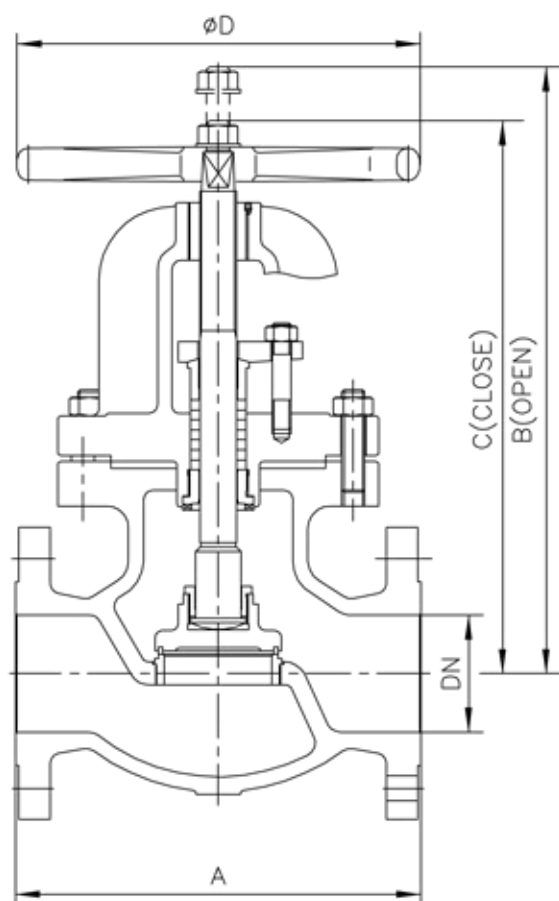
Dimensions(mm) and Weights(Kg)

NPS		1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
L(RTJ)	900,1500	216	229	254	279	305	371
L ₁ (BW)	900,1500	216	229	254	279	305	368
H(OPEN)		207	207	240	258	330	355
W		125	125	160	160	180	200
Weights	RTJ	8.0	13.2	17.4	19.0	24.5	31.0
	BW	5.2	10.0	14.6	15.8	20.5	27.8



CAST IRON GLOBE VALVES—PN16

Size range: DN15 to DN 200



STANDARDS:

Design	DIN 3356
Test	DIN 3230
Face to Face Dimensions	DIN 3202 F1
End Flange Dimensions	DIN 2533

PN16 Fig No.51216
DIMENSIONS AND WEIGHTS

Size DN	A (RF)	B (OPEN)	C (CLOSE)	D	Weight (Kg)
15	130	188	182	65	7.5
20	150	195	185	65	9
25	160	211	201	80	12
32	180	268	253	120	14
40	200	274	254	120	15.2
50	230	302	277	160	16
65	290	338	306	200	17
80	310	382	342	250	32
100	350	428	378	250	50
125	400	505	443	300	55
150	480	570	497	360	62
200	600	680	583	400	92

Other Sizes: On request

RF: Flanged

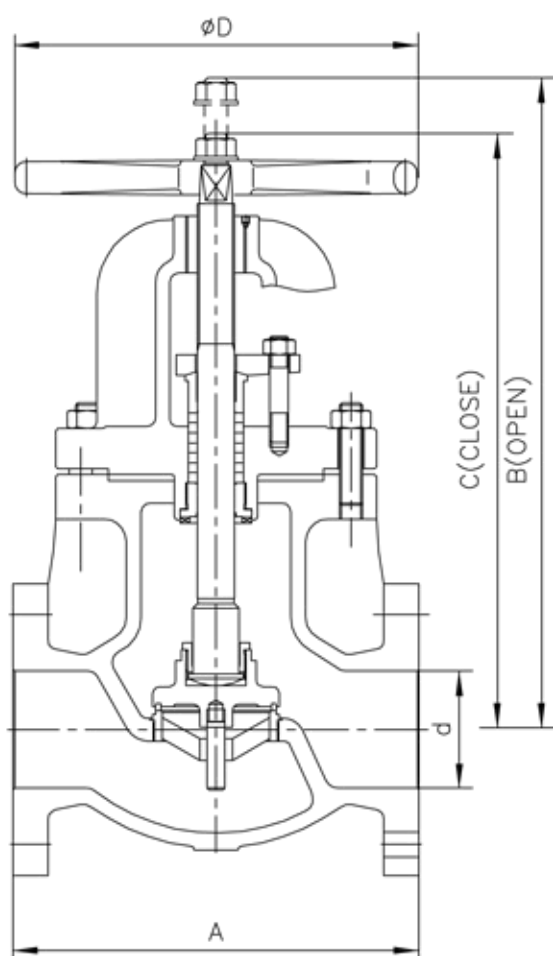
AVAILABLE OPTIONS:

STRUCTURE	End, Connection: Flange Raised Face...
	Seat Rings: Threaded (Renewable)
	Operation: Handwheel, Gear, Electric, Pneumatic, Hydraulic...
MATERIALS	Body: Gray Cast Iron, Ductile Iron...
	Trims: Stainless Steel, Brass, Bronze...



CAST IRON GLOBE VALVES—CLASS 125#

Size range: 2" to 12"



STANDARDS:

Design	MSS SP-85
Test	MSS SP-85
Face to Face Dimensions	ANSI B16.10
End Flange Dimensions	ANSI B16.1

CLASS 125# Fig No.511125

DIMENSIONS AND WEIGHTS

Size Inch	d	A (FF)	B (OPEN)	C (CLOSE)	D	Weight (Kg)
2"	51	203	323	298	200	18
2½"	64	216	346	314	200	23
3"	76	241	397	359	254	35
4"	102	292	466	415	300	52
5"	127	330	508	446	350	58
6"	152	356	561	485	400	64
8"	203	495	675	576	450	95
10"	254	622	778	652	505	210
12"	305	699	886	734	610	420

Other Sizes:On request

FF:Flat Flanged

AVAILABLE OPTIONS:

STRUCTURE	End,Connection: Flange Flat Face...
	Seat Rings: Threaded(Renewable)
	Operation: Handwheel,Gear,Electric,Pneumatic,Hydraulic...
MATERIALS	Body: Gray Cast Iron, Ductile Iron...
	Trims: Stainless Steel, Brass, Bronze...