

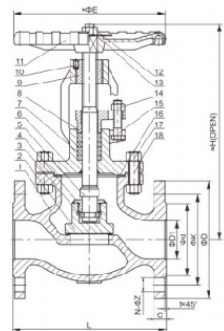
ANSI FLANGE GLOBE VALVE

Applicable Standards

Design standard	Bs1873, ASME B16.34
Face to Face	ASME B16.10
End Flange	ASME B16.5
Test and Inspection	API598

Material Specifications

No.	Part name	MATERIAL		No.	Part name	MATERIAL	
1	Body	WCB	CF8/CF8M	10	Scew	B7	304
2	Disc	A105	F304/F316	11	Handwheel	KTH330	
3	Half ring	304	304/316	12	Nut	2H	304
4	Disc cover	1035	304/316	13	Name plate	Al.	
5	Stem	F6A	304/316	14	Nut	2H	304
6	Bonnet	WCB	CF8/CF8M	15	Screw	B7	304
7	Packing	Graphite	PTFE	16	Gasket	304+Graphite	PTFE
8	Gland	WCB	CF8	17	Nut	2H	304
9	Stem nut	Qt400 / Brass		18	Screw	B7	304



Main Dimensions (Inch/mm)

Class150-RF										
NPS	D1	d	K	D	f	C	N-φZ	L	E	H
2	50	92.1	120.7	150	2	16.3	4-19	203	200	312
2 1/2	65	104.8	139.7	180	2	17.9	4-19	216	220	331
3	80	127.0	152.4	190	2	19.5	4-19	241	260	389
4	100	157.2	190.5	230	2	24.3	8-19	292	300	418
5	125	185.7	215.9	255	2	24.3	8-22	356	350	475
6	150	215.9	241.3	280	2	25.9	8-22	406	400	517
8	200	269.9	298.5	345	2	29.0	8-22	495	500	632
10	250	323.8	362.0	405	2	30.6	12-25	622	550	955
12	300	381.0	431.8	485	2	32.2	12-25	698	600	1100
14	350	412.8	476.3	535	2	35.4	12-29	787	700	1100
16	400	469.9	539.8	595	2	37.0	16-29	914	800	1350
18	450	533.4	577.9	635	2	40.1	16-32	978	Gear box	
20	500	584.2	635.0	700	2	43.3	20-32	978		

Class300-RF										
NPS	D1	d	K	D	f	C	N-φZ	L	E	H
2	50	92.1	120.7	165	2	22.7	8-19	267	240	350
2 1/2	65	104.8	149.2	190	2	25.9	8-22	292	280	410
3	80	127.0	168.3	210	2	29.0	8-22	318	300	440
4	100	157.2	200.0	255	2	32.2	8-22	356	350	505
5	125	185.7	235.0	280	2	35.4	8-22	400	400	575
6	150	215.9	269.9	320	2	37.0	12-22	444	450	645
8	200	269.9	330.2	380	2	41.7	12-25	559	550	730
10	250	323.8	387.4	445	2	48.1	16-29	622	600	1020
12	300	381.0	450.8	520	2	51.3	16-32	711	650	1150
14	350	412.8	514.4	585	2	54.4	20-32	838	Gear box	
16	400	469.9	571.5	650	2	57.6	20-35	864		
18	450	533.4	628.6	710	2	60.8	24-35	978		
20	500	584.2	685.8	775	2	64.0	24-35	1016		

Class600-RF										
NPS	D1	d	K	D	f	C	N-φZ	L	E	H
2	50	92.1	120.7	165	7	32.4	8-19	292	280	430
2 1/2	65	104.8	149.2	190	7	35.6	8-22	330	320	480
3	80	127.0	168.3	210	7	38.8	8-22	356	350	530
4	100	157.2	215.9	275	7	45.1	8-25	432	400	650
5	125	185.7	266.7	330	7	51.5	8-29	508	500	750
6	150	215.9	292.1	355	7	54.7	12-29	559	550	850
8	200	269.9	349.2	420	7	62.6	12-32	660	600	1050
10	250	323.8	431.8	510	7	70.5	16-35	787	Gear box	
12	300	381.0	489.9	560	7	73.7	20-35	838		