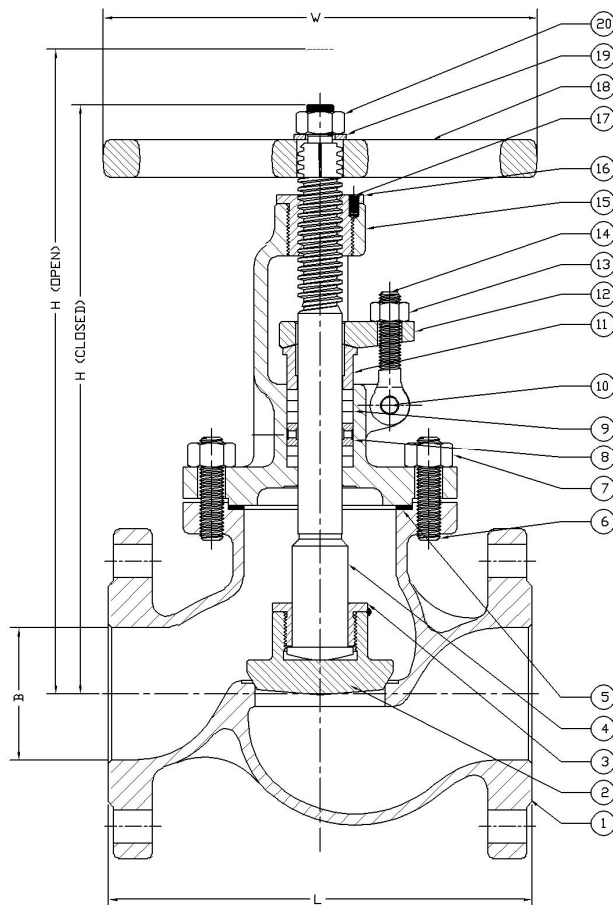


## Globe Valve Class 600



**Standards:**

Face to Face Dimensions: ANSI B16.10  
 End Flange Dimensions: ANSI B16.5  
 Basic Design: ASME B16.34  
 Test Standard: API 598

**MATERIAL LIST**

NO.	Part Name	ASTM Specification (Specs – Grades/Types)	
		A351	A351
		<b>CF8 (304)</b>	<b>CF8M (316)</b>
1	Body/Seat	A351-CF8	A351-CF8M
2	Disc	A182-F304	A182-F316
3	Disc Nut	A276-304	A276-316
4	Stem	A182-F304	A182-F316
5	Gasket	304/Graphite	316/Graphite
6	Bonnet Bolt	A193-B8	A193-B8
7	Bonnet Bolt Nut	A194-8	A194-8
8	Lantern Ring	A276-304	A276-316
9	Packing	Braided Graphite & Die Formed Graphite Ring	Braided Graphite & Die Formed Graphite Ring
10	Eye Bolt Pins	A276-316	A276-316
11	Gland	A276-304	A276-316
12	Gland Flange	A351-CF8	A351-CF8M
13	Eye Bolt Nut	A194-8	A194-8
14	Eye Bolts	A193-B8	A193-B8
15	Bonnet	A351-CF8	A351-CF8M
16	Set Screw	Carbon Steel	Carbon Steel
17	Opmut	A439 Gr. D2C	A439 Gr. D2C
18	Handwheel	Malleable Iron	Malleable Iron
19	Washer	Carbon Steel	Carbon Steel
20	Handwheel Nut	Carbon Steel	Carbon Steel

**DIMENSIONS AND WEIGHTS**

Size	NPS	1/2	3/4	1	1-1/2	2	2-1/2	3	4	6	8	10	12
L (RF)	In	6.50	7.50	8.50	9.50	11.50	13.00	14.00	17.00	22.00	26.00	31.00	33.00
	Mm	165	190	216	241	292	330	356	432	559	660	787	838
L (RTJ)	In	6.42	7.50	8.50	9.50	11.63	13.13	14.13	17.13	22.13	26.13	31.13	33.13
	Mm	163	190	216	241	295	333	359	435	562	664	791	842
L (BW)	In	6.50	7.50	8.50	9.50	11.50	13.00	14.00	17.00	22.00	26.00	31.00	33.00
	Mm	165	190	216	241	292	330	356	432	559	660	787	838
B	In	0.50	0.75	1.00	1.50	2.00	2.50	3.00	4.02	6.00	8.00	10.00	12.00
	Mm	12.7	19.1	25.4	38.1	51	64	76	102	152	203	254	305
H (Closed)	In	5.83	5.98	7.06	9.13	13.58	16.25	16.73	19.50	27.44	32.68	TBD	TBD
	Mm	148	152	179	232	345	413	425	495	697	830	TBD	TBD
H (Open)	In	6.18	6.38	7.56	9.92	15.94	17.44	18.12	19.50	28.62	33.87	TBD	TBD
	Mm	157	162	192	252	405	443	460	495	727	860	TBD	TBD
W	In	3.94	3.94	4.72	5.51	9.84	11.81	13.78	15.75	19.68	22.05	25.20	27.56
	Mm	100	100	120	140	250	300	350	400	500	560	640	700
WT	LB	17.20	27.56	37.50	85.54	61.75	88.18	116.8	196.2				
	KG	7.8	12.5	17.0	38.8	28.0	40.0	53.0	89.0				