

### DESIGN FEATURES:

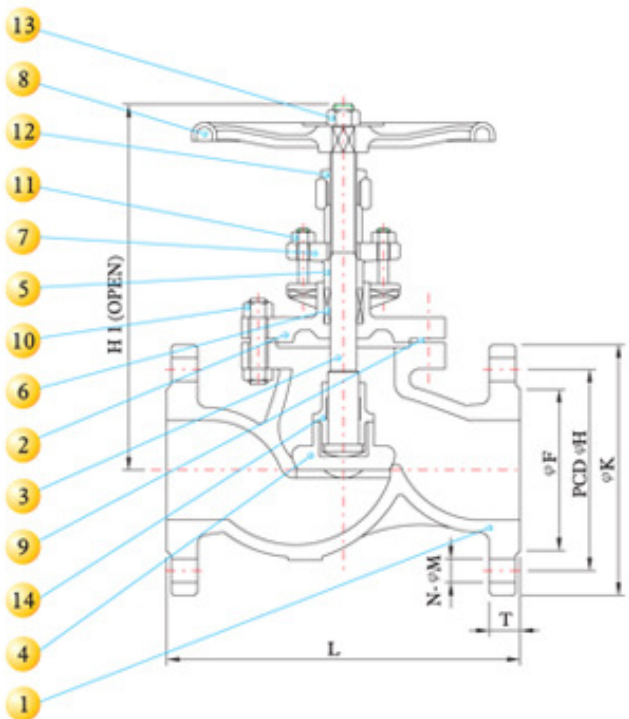
- Rising Stem
- Body: ASTM A 351 Gr.CF8M
- Disc: ASTM A 351 Gr.CF8M
- Stem: SS316
- End Type: Flange End
- Face to Face: ANSI B16.10
- Flange Dimensions: ANSI B16.5 150
- Wall Thickness: ANSI B16.34
- TEST STANDARD: API 598
- Pressure/ Temperature ratings in accordance with ASME/ASTM B16.34

## SERIES 407 (150#) FLANGED END GLOBE VALVE



### MATERIALS LIST

NO.	PART NAME	MATERIAL	QTY
1	BODY	ASTM A351 Gr.CF8M	1
2	BONNET	ASTM A351 Gr.CF8M	1
3	STEM	ASTM A276 Gr.316	1
4	DISC	ASTM A351 Gr.CF8M	1
5	GLAND	ASTM A351 Gr.CF8	1
6	GLAND PACKING	PTFE	1
7	GLAND FLANGE	ASTM A351 Gr.CF8	1
8	HAND WHEEL	ASTM A536 Gr.B65-45-12	1
9	GASKET	PTFE (OR NON ASBESTOS)	1
10	BONNET BOLT/NUT	ASTM A193 Gr.B8/ASTM A194 Gr.8	4-16
11	GLAND BOLT/NUT	ASTM A193 Gr.B8/ASTM A194 Gr.8	2
12	YOKE SLEEVE	BRONZE (OR DUCTILENI-RESIST)	1
13	HAND WHEEL NUT	STEEL	1
14	DISC GLAND	SS316	1



### DIMENSIONS

SIZE		L		H1		K		H		F		T		M		N	Cv Factor	Weight	
inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm			Kg	Lb
1/2"	15	4.25	108	6.77	172	3.94	100	2.38	60.5	1.38	35	0.44	11.2	0.62	15.7	4	5.0	3.00	6.61
3/4"	20	4.63	117	6.77	172	3.94	100	2.76	70.0	1.69	43	0.44	11.2	0.62	15.7	4	8.5	3.50	7.71
1"	25	5.00	127	6.89	175	3.94	100	3.13	79.5	2.01	51	0.44	11.2	0.62	15.7	4	11.0	4.40	9.69
1 1/4"	32	5.50	140	8.78	223	4.62	117	3.50	88.9	2.50	64	0.50	12.7	0.62	15.7	4	16.0	6.75	14.87
1 1/2"	40	6.50	165	8.15	207	5.51	140	3.88	98.5	2.87	73	0.56	14.3	0.62	15.7	4	19.0	7.90	17.40
2"	50	8.00	203	9.13	232	6.30	160	4.74	120.5	3.62	92	0.63	15.9	0.75	19.0	4	32.0	11.40	25.11
2 1/2"	65	8.50	216	10.75	273	7.09	180	5.49	139.5	4.13	105	0.69	17.5	0.75	19.0	4	48.0	17.00	37.44
3"	80	9.50	241	11.93	303	7.87	200	6.00	152.5	5.00	127	0.75	19.1	0.75	19.0	4	80.0	20.50	45.15
4"	100	11.50	292	13.39	340	8.82	224	7.50	190.5	6.18	157	0.94	23.9	0.75	19.0	8	110.0	31.00	68.28
5"	125	14.00	356	15.16	385	9.84	250	8.50	216.0	7.32	186	0.94	23.9	0.88	22.3	8	190.0	45.00	99.12
6"	150	16.00	406	17.64	448	11.81	300	9.51	241.5	8.50	216	1.00	25.4	0.88	22.3	8	450.0	60.00	132.16
8"	200	19.50	495	21.46	545	13.98	355	11.75	298.5	10.63	270	1.13	28.6	0.88	22.3	8	800.0	100.00	220.26
10"	250	24.50	622	26.22	666	17.72	450	14.25	362.0	12.76	324	1.19	30.2	1.00	25.4	12	1200.0	173.00	381.06