

# TC-GBF-ANSI VALVE

## 150 LB FLANGE END GLOBE VALVE

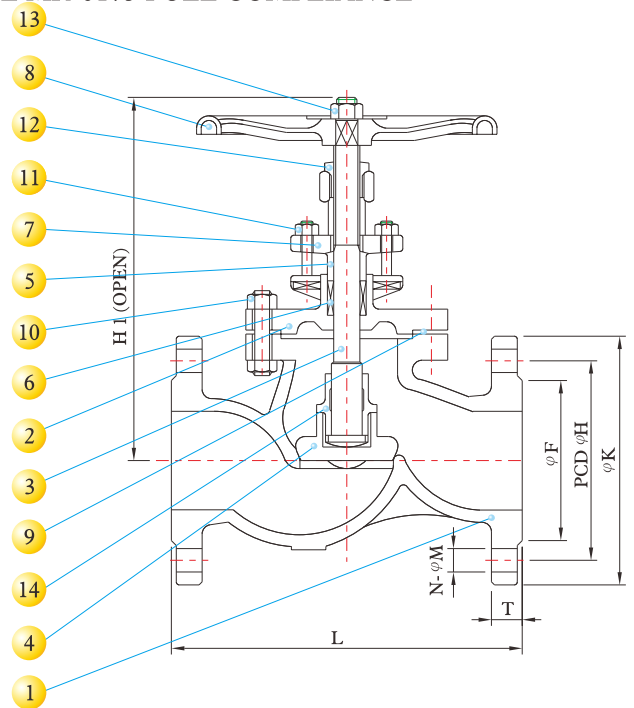


### DESIGN FEATURES:

- 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 ANSI B16.34
- NACE MR-0175 FULL COMPLIANCE

### 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	GRAPHITE	1
7	GLAND FLANGE	ASTM A351 Gr.CF8	1
8	HAND WHEEL	FCD45	1
9	GASKET	GRAPHITE	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	FCD45	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

## 300 LB FLANGE END GLOBE VALVE

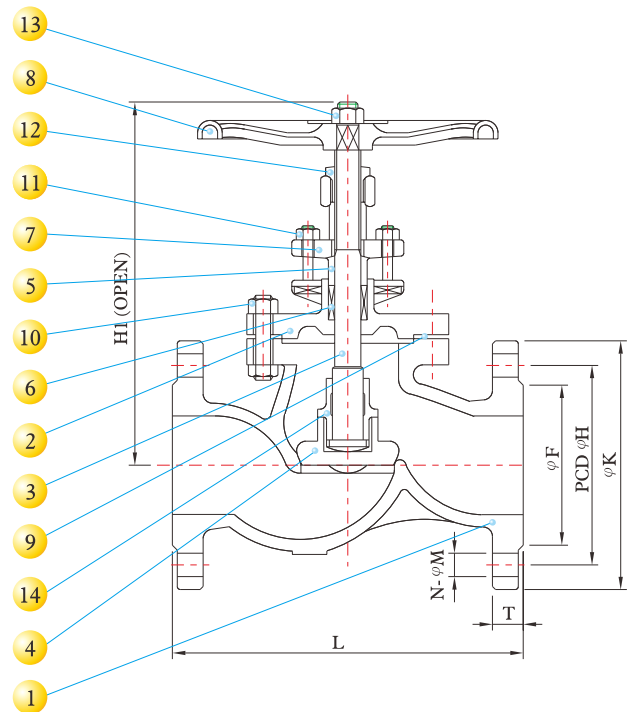


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inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm			Kg	Lb
1/2"	15	6.00	152	6.77	172	3.94	100	2.62	66.5	1.38	35	0.56	14.3	0.62	15.7	4	5	4.00	8.81
3/4"	20	7.00	178	6.77	172	3.94	100	3.25	82.5	1.69	43	0.63	15.9	0.75	19.0	4	8.5	5.00	11.01
1"	25	8.00	203	6.89	175	3.94	100	3.50	89.0	2.01	51	0.69	17.5	0.75	19.0	4	11	9.00	19.82
1 1/2"	40	9.00	229	8.86	225	6.30	160	4.51	114.5	2.87	73	0.81	20.7	0.88	22.3	4	19	13.50	29.74
2"	50	10.50	267	10.55	268	7.09	180	5.00	127.0	3.62	92	0.88	22.3	0.75	19.0	8	32	16.50	36.34
2 1/2"	65	11.50	292	11.85	301	7.87	200	5.87	149.0	4.13	105	1.00	25.4	0.88	22.3	8	48	31.00	68.28
3"	80	12.50	318	13.82	351	9.84	250	6.61	168.0	5.00	127	1.13	28.6	0.88	22.3	8	80	36.00	79.30
4"	100	14.00	356	16.14	410	11.81	300	7.87	200.0	6.18	157	1.25	31.8	0.88	22.3	8	110	52.50	115.64
5"	125	15.75	400	18.27	464	13.98	355	9.25	235.0	7.32	186	1.38	35.0	0.88	22.3	8	190	79.00	174.01
6"	150	17.50	444	20.83	529	15.75	400	10.63	270.0	8.50	216	1.44	36.6	0.88	22.3	12	450	98.50	216.96
8"	200	22.00	559	26.38	670	17.72	450	12.99	330.0	10.63	270	1.63	41.3	1.00	25.4	12	800	146.00	321.59

