SUN™
STAINLESS STEEL
VALVES

GATE VALVE FLANGED CLASS150 CF8M (316)



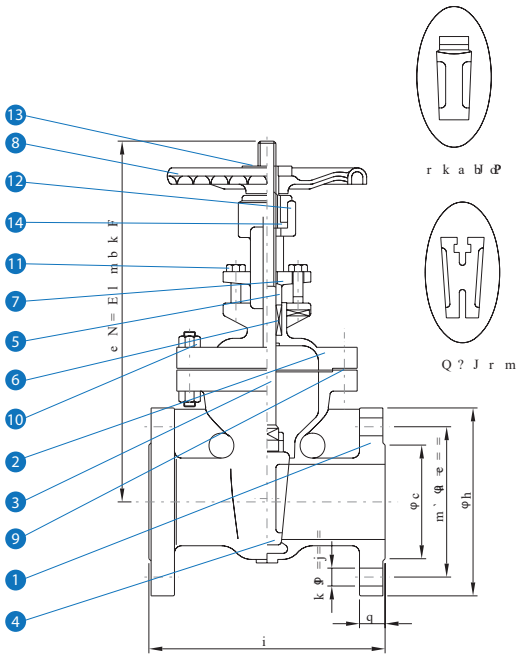
*Reference photo

DESIGN FEATURES:

- RISING STEM
- O.S. & YOKE, FLEXIBLE WEDGE
- BODY: ASTM A351 Gr. CF8M
- DISC: ASTM A351 Gr. CF8M
- STEM: SS316
- PACKING: PTFE
- END TYPE: FLANGE END
- FACE TO FACE: ANSI/ASME B16.5
- WALL THICKNESS: ANSI/ASME B16.34
- TEST STANDARD: API 598
- PRESSURE/TEMPERATURE RATINGS IN ACCORDANCE WITH ASME B16.34
- MAX WORKING PRESSURE 285 PSIG @ -28°C a 38°C

MATERIAL LIST

	PART NAME	MATERIAL	QTY.
1	BODY	ASTM A351 Gr. CF8M	1
2	BONNET	ASTM A351 Gr. CF8M	1
3	STEM	ASTM 276 GR. 316	1
4	DISC	ASTM A351 Gr. CF8M	1
5	GLAND	ASTM A351 Gr. CF8	1
6	GLAND PACKING	PTFE	1
7	GLANDE 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 A 193 Gr. B8/ASTM A194 Gr. 8	4-16
11	GLAND BOLT/NUT	ASTM A 193 Gr. B8/ASTM A194 Gr. 8	2
12	YOKE SLEEVE	BRONZE (OR DUCTILINE-RESIT)	1
13	HAND WHEEL NUT	STEEL	1
14	YOKE SLEEVE NUT	SS304	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	8.03	204	3.94	100	2.38	60.5	1.38	35	0.44	11.2	0.62	15.7	4	19	3.40	7.49
3/4"	20	4.63	117	8.23	209	3.94	100	2.76	70.0	1.69	43	0.44	11.2	0.62	15.7	4	36	4.50	9.91
1"	25	5.00	127	9.02	229	3.94	100	3.13	79.5	2.01	51	0.44	11.2	0.62	15.7	4	57	5.50	12.11
1 1/4"	32	5.51	140	10.63	270	4.61	117	3.50	89.0	2.52	64	0.56	14.3	0.62	15.7	4	100	6.50	14.32
1 1/2"	40	6.50	165	11.14	283	5.51	140	3.88	98.5	2.87	73	0.56	14.3	0.62	15.7	4	120	9.00	19.82
2"	50	7.00	178	13.07	332	6.30	160	4.74	120.5	3.62	92	0.63	15.9	0.75	19.0	4	140	11.50	25.33
2 1/2"	65	7.50	190	15.63	397	7.09	180	5.49	139.5	4.13	105	0.69	17.5	0.75	19.0	4	240	18.00	39.65
3"	80	8.00	203	17.28	439	7.87	200	6.00	152.5	5.00	127	0.75	19.1	0.75	19.0	4	360	20.00	44.05
4"	100	9.00	229	20.39	518	8.82	224	7.50	190.5	6.18	157	0.94	23.9	0.75	19.0	8	580	30.00	66.08
5"	125	10.00	254	24.45	621	9.84	250	8.52	216.5	7.32	186	0.94	23.9	0.88	22.3	8	950	44.00	96.92
6"	150	10.50	267	28.11	714	11.02	280	9.51	241.5	8.50	216	1.00	25.4	0.88	22.3	8	2400	56.00	123.35
8"	200	11.50	292	35.98	914	11.81	300	11.75	298.5	10.63	270	1.13	28.6	0.88	22.3	8	4200	82.00	180.62
10"	250	13.00	330	43.62	1108	13.98	355	14.25	362.0	12.76	324	1.19	30.2	1.00	25.4	12	6800	132.00	290.75
12"	300	14.00	356	61.14	1553	23.62	600	17.01	432.0	15.00	381	1.25	31.8	1.00	25.4	12	9900	196.50	432.82

*Note: Dimensions, design and materials are subject to change without notice.