

## GA40W Flanged Gate Valve - Class 150 & Class 300



### GENERAL CHARACTERISTICS

- Rising Stem
- Flexible Wedge Disc
- Outside Stem & Yoke
- Design Standard: API 600
- Face to Face: ASME B16.10
- Flange Dimension: ASME B16.5
- Test Standard: API 598

### WORKING CONDITIONS

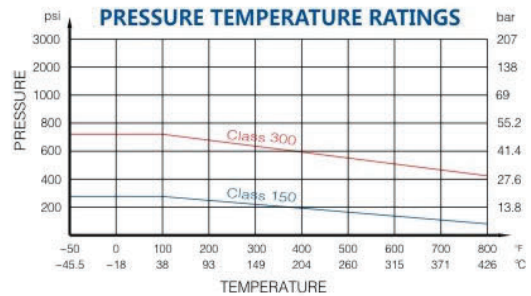
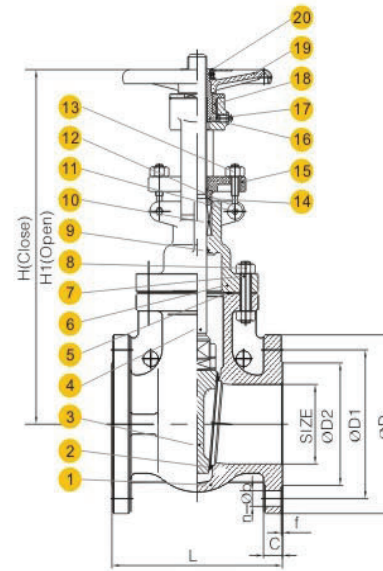
- Working Pressure: ANSI 150 or 300
- Temperature Range:
  - -20° to 800°F
- Applicable Medium: Water, Oil & Gas



### MATERIALS LIST

No.	DESCRIPTION	Q'TY	MATERIAL
20	H.W.LOCK NUT	1	CS+Cr
19	HANDWHEEL	1	A47
18	RETAINING NUT	1	CS+Cr
17	LUBRICATOR	1	Cu
16	STEM NUT	1	ZcuAl10Fe3 Bronze
15	GLAND	1	A351 CF8M
14	BUSHING	1	Steel
13	GLAND NUT	2	A194 8M
12	GLAND BOLT	2	A193 B8M
11	PIN	2	Steel
10	PACKING	1	Graphite
9	BACKSEAT	1	A351 CF8M
8	NUT	-	A194 8M
7	STUD	-	A193 B8M
6	BONNET	1	A351 CF8M
5	GASKET	1	SS316+Graphite
4	STEM	1	A182 F316
3	DISC	1	A351 CF8M
2	SEAT RING	2	A351 CF8M
1	BODY	1	A351 CF8M
No.	DESCRIPTION	Q'TY	MATERIAL

Note: Please contact us for other material requirements.



### DIMENSIONS- Class 150

SIZE	L	D	D1	D2	C	f	n-Ob	H	H1	Weight(lb)
1 1/2"	6.5	5	3.88	2.87	0.69	0.06	4-Ø0.63	13.39	15.35	19.84
2"	7.01	5.98	4.74	3.62	0.75	0.06	4-Ø0.75	13.78	16.14	36.82
2 1/2"	7.48	7.01	5.49	4.11	0.89	0.06	4-Ø0.75	14.37	17.32	46.3
3"	7.99	7.48	6	5	0.95	0.06	4-Ø0.75	17.72	21.26	63.05
4"	9.02	9.02	7.5	6.18	0.95	0.06	8-Ø0.75	19.49	23.82	90.83
5"	10	10	8.5	7.3	1.02	0.06	8-Ø0.87	21.65	26.97	114.64
6"	10.51	10.98	9.51	8.5	1.02	0.06	8-Ø0.87	24.02	30.32	161.82
8"	11.5	13.5	11.75	10.63	1.14	0.06	8-Ø0.87	30.71	39.17	257.94
10"	12.99	15.98	14.25	12.76	1.22	0.06	12-Ø0.98	36.02	46.46	330.69
12"	14.02	19.02	17.01	15	1.26	0.06	12-Ø0.98	41.14	53.54	619.5
14"	15	20.98	18.74	16.26	1.38	0.06	12-Ø1.14	49.21	63.58	798.07

### DIMENSIONS- Class 300

SIZE	L	D	D1	D2	C	f	n-Ob	H	H1	Weight(lb)
1 1/2"	7.48	6.14	4.5	2.87	0.83	0.06	4-Ø0.87	13.39	15.35	25.35
2"	8.5	6.5	5	3.62	0.91	0.06	8-Ø0.75	13.78	16.14	42.33
2 1/2"	9.49	7.48	5.88	4.11	1.02	0.06	8-Ø0.87	14.37	17.32	52.91
3"	11.14	8.27	6.62	5	1.14	0.06	8-Ø0.87	17.72	21.26	77.16
4"	12.01	10	7.88	6.18	1.26	0.06	8-Ø0.87	19.49	23.82	106.92
5"	15	10.98	9.25	7.3	1.38	0.06	8-Ø0.87	21.65	26.97	213.85
6"	15.87	12.52	10.63	8.5	1.46	0.06	12-Ø0.87	24.02	30.32	233.69
8"	16.5	15	12.99	10.63	1.65	0.06	12-Ø0.98	30.71	39.17	447.54
10"	17.99	17.52	15.26	12.76	1.89	0.06	16-Ø1.14	36.02	46.46	687.84
12"	19.76	20.51	17.76	15	2.01	0.06	16-Ø1.26	41.14	53.54	-