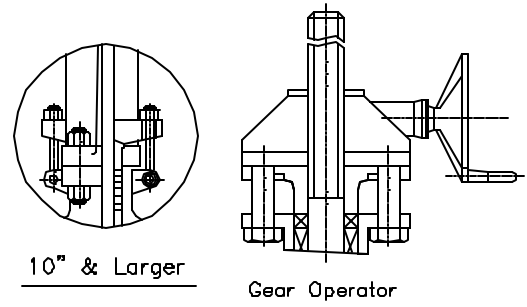


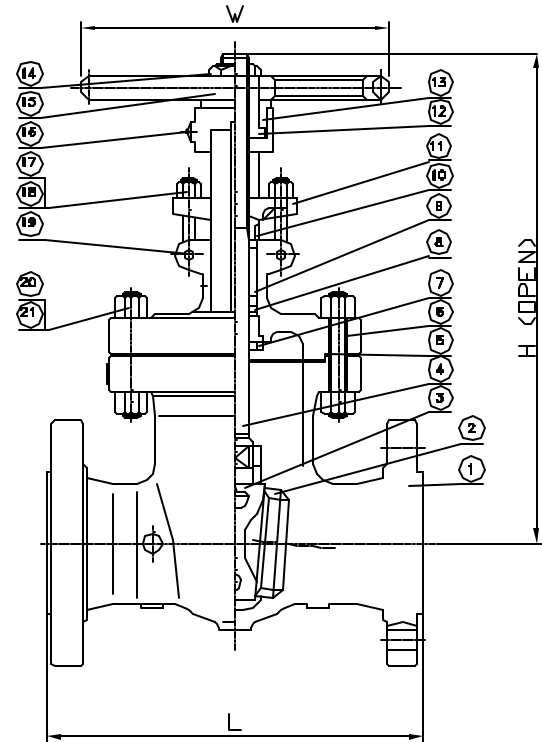
Cast Steel Gate Valve

Class 600 Flanged (2" to 20") - 60FGAW

Class 600 Butt Weld (2" to 20") - 60BGAW



NO.	PART NAME	MATERIAL
1	BODY	A216 WCB
2	SEAT	A105+HF
3	WEDGE	WCB+F6
4	STEM	A182 F6
5	GASKET	Spiral Wound 5S/Graphite
6	BONNET	A216 WCB
7	BACK SEAT	A276 410
8	PACKING	Graphite
9	DISTANCE RING	A276 410
10	PACKING GLAND	A276 410
11	GLAND	A216 WCB
12	STEM NUT	D-2 Ductile Iron
13	GLAND NUT	A29 1035 Steel
14	LOCK NUT	A29 1035 Steel
15	HANDWHEEL	Ductile Iron
16	GREASE FITTING	Steel
17	EYE BOLT	A193 B7 Steel
18	EYE NUT	A194 2H Steel
19	PIN	A29 1035 Steel
20	BOLT	A193 B7 Steel
21	NUT	A194 2H Steel



Davis cast steel valves comply with the following applicable specifications: ANSI B16.10, ANSI B16.5, API 600: Tested to API 598

Working Pressure: 1480 WOG Body Testing Pressure: 2220 psi
 Seat Testing Pressure: 1628 psi Air Testing Pressure: 80 psi

NPS	d												
	2	2-1/2	3	4	6	8	10	12	14	16	18	20	
L	in	11.5	13	14	17	22	26	31	33	35	39	43	47
	mm	292	330	356	432	559	660	787	838	889	991	1092	1194
H (open)	in	16.81	18.62	21.18	25.87	34.33	43.35	50.35	58.5	64.69	70.79	82.72	88.94
	mm	427	473	538	657	872	1101	1279	1486	1643	1798	2101	2259
W	in	9.84	9.84	11.81	13.78	19.69	22.05	25.2	24.02	24.02	24.02	24.02	29.92
	mm	250	250	300	350	500	560	640	610*	610*	610*	610*	760*
WT (Lbs)	RF	90	128	194	289	558	911	1373	1728	2840	4012	4740	5600
	BW	77	110	150	229	459	723	1093	1404	2469	3192	4030	4852

* Manual gear operator is recommended.

