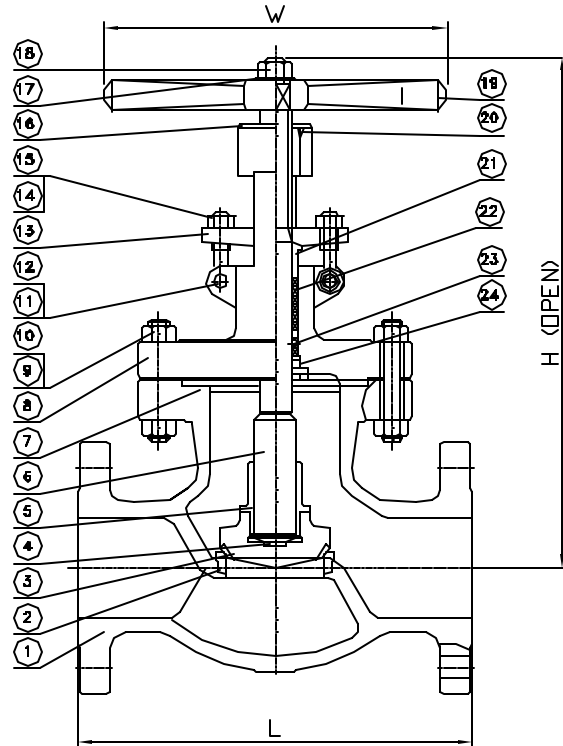


# Cast Steel Globe Valve

Class 300 Flanged (2" to 16") - 30FGLW

Class 300 Butt Weld (2" to 16") - 30BGLW

NO.	PART NAME	MATERIAL
1	BODY	A216 WCB
2	SEAT	A105+HF
3	DISC	WCB+F6
4	THRUST PLATE	A276 430
5	DISC COVER	SS-410
6	STEM	A182 F6
7	GASKET	Spiral Wound SS/Graphite
8	BONNET	A216 WCB
9	BOLT	A193 B7 Steel
10	NUT	A194 2H Steel
11	PIN	A29 1D35 Steel
12	SPLIT PIN	A570 Gr.A
13	GLAND	A216 WCB
14	EYE BOLT	A193 B7 Steel
15	NUT	A194 2H Steel
16	STEM NUT	D-2 Ductile Iron
17	GASKET	SS-410
18	NUT	A29 1D35 Steel
19	HANDWHEEL	Ductile Iron
20	SCREW	A29 1D35 Steel
21	PACKING GLAND	SS-410
22	PACKING	Graphite
23	DISTANCE RING	SS-410
24	BACK SEAT	SS-410



Davis cast steel valves comply with the following applicable specifications: ANSI B16.10, ANSI B16.5, API 6D: Tested to API 598

Working Pressure: 740 WOG  
 Body Testing Pressure: 1110 psi  
 Seat Testing Pressure: 814 psi  
 Air Testing Pressure: 80 psi

NPS d		2	2-1/2	3	4	5	6	8	10	12	14	16
		mm	51	64	76	102	127	152	203	254	305	337
L (RF & BW)	in	10.5	11.5	12.5	14	15.75	17.5	22	24.5	28	33	34
	mm	267	292	318	356	400	444	559	622	711	838	864
H (open)	in	13.74	14.80	16.93	19.13	22.05	24.33	36.89	37.36	39.17	42	46.7
	mm	349	376	430	486	560	618	937	949	995	1066	1185
W	in	7.87	9.84	9.84	13.78	15.75	17.72	22.05	25.20	25.20	Gear*	Gear*
	mm	200	250	250	350	400	450	560	640	640	Gear*	Gear*
WT (lbs)	RF	68	95	126	190	287	370	617	849	1596	1721	2163
	BW	57	84	97	150	243	304	503	725	1362	1445	1843

\* Manual gear operator is recommended.

