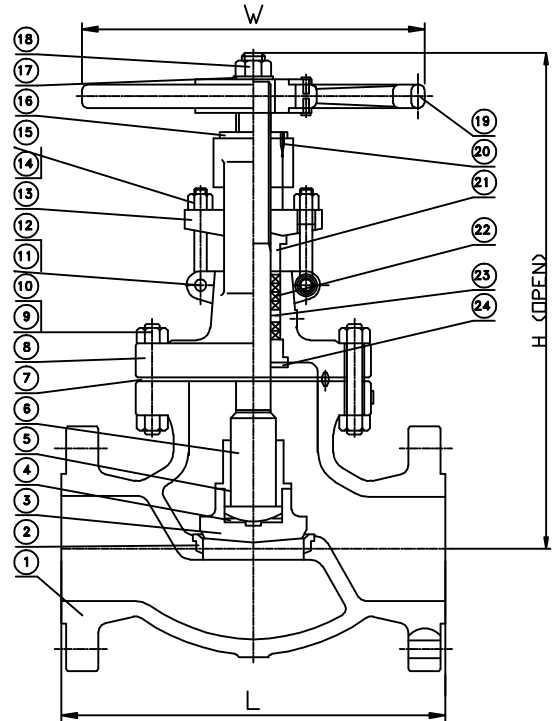


Cast Steel Globe Valve

Class 900 Flanged (2" to 12") – 90FGLW

Class 900 Butt Weld (2" to 12") – 90BGLW

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 1035 Steel
12	SPLIT PIN	A570 Gr.A
13	GLAND	A216 WCB
14	EYE BOLT	A193 B7 Steel
15	EYE NUT	A194 2H Steel
16	STEM NUT	D-2 Ductile Iron
17	GASKET	SS-410
18	NUT	A29 1035 Steel
19	HANDWHEEL	Ductile Iron
20	SCREW	A29 1035 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: 2220 WOG
 Body Testing Pressure: 3330 psi
 Seat Testing Pressure: 2442 psi
 Air Testing Pressure: 80 psi

NPS d	in	2	2-1/2	3	4	6	8	10	12
	mm	47	57	73	98	146	190	238	288
L (RF & BW)	in	14.5	16.5	15	18	24	29	33	38
	mm	368	419	381	457	610	737	838	965
H (open)	in	18.82	19.76	24.17	31.06	34.88	36.69	40.94	43.7
	mm	478	502	614	789	886	932	1040	1110
W	in	13.78	15.75	17.72	22.05	18.11	24.02	24.02	28.34
	mm	350	400	450	560	460*	610*	610*	720*
WT (Lbs)	RF	220	260	289	481	996	1565	1918	2339
	BW	165	207	231	408	750	1389	1521	1855

* Manual gear operator is recommended.

