

GATE VALVES- WELDED BONNET- FULL PORT

BONNEY FORGE

2500 LB.

4500 LB.

Design construction:

ASME B16.34

Outside Screw and Yoke (OS&Y)

Self aligning two piece packing gland

Integral backseat

Body Bonnet Weld to ASME IX

Socket Weld Ends to ASME B16.11

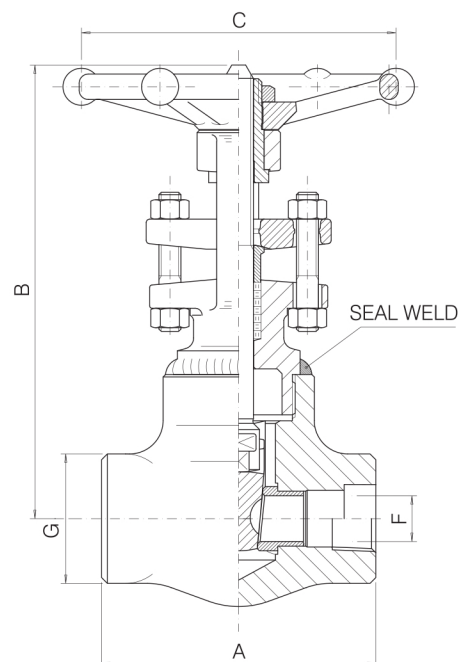
Screwed Ends (NPT) to ASME B1.20.1

Butt Welding Ends to ASME B16.25

Ratings standard class:

- carbon steel class 2500 6170 psig @ 100°F
425 bar + 38°C

- carbon steel class 4500 11100 psig @ 100°F
765 bar + 38°C



FULL PORT – FIG. 25W 10										
2500 LB.	SIZE	inch mm	1/4 6	3/8 10	1/2 15	3/4 20	1 25	1 1/4 32	1 1/2 40	2 50
	A	inch mm	4.33 110	4.33 110	5 127	5 127	5 127	5 127	8.27 210	9.06 230
	B open	inch mm	7.20 183	7.20 183	8.43 214	9.61 244	10.87 276	10.87 276	13.27 337	15.91 404
	C	inch mm	3.82 97	3.82 97	5.43 138	5.43 138	5.43 138	5.43 138	6.77 172	9.21 234
	F	inch mm	.31 8	.31 8	.45 11.5	.59 15	.77 19.5	.98 25	1.10 28	1.42 36
	G	inch mm	1.89 48	1.89 48	2.20 56	2.52 64	3.07 78	3.07 78	3.35 85	3.74 95
	Weight	lb. kg	11.25 5.2	11.5 5.3	11.75 5.4	15.75 7.2	21.5 9.8	21.5 9.8	43 19.5	63.75 29
	PACKING		2B3	2B3	2B3	2B4	2B5	2B5	2B5	2B8

4500 LB.	FULL PORT — FIG. 45W 10						
	SIZE	inch mm	1/2 15	3/4 20	1 25	1 1/2 40	2 50
	A	inch mm	5 127	5 127	9.06 230	9.06 230	17.76 451
	B open	inch mm	10.39 264	10.83 275	14.37 365	15.75 400	17.56 446
	C	inch mm	5.43 138	6.61 168	9.21 234	12.60 320	12.60 320
	F	inch mm	.30 7,5	.45 11,5	.59 15	1.02 26	1.02 26
	G	inch mm	3.07 78	3.07 78	3.74 95	3.74 95	4.72 120
	Weight	lb. kg	22 10	26.5 12	40.8 18.5	59.5 27	81.5 37
	PACKING		2B4	2B4	2B8	2B8	4B8