

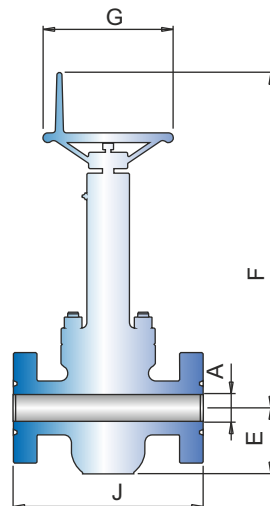


HIGH TEMPERATURE GATE VALVE

PARVEEN High Temperature Service : (Model T)

The PARVEEN High Temperature Gate Valve uses parallel expanding gate to obtain perfect shut off. The sealing is metal - to metal, both on the up and down stream of the valve, and unaffected by vibration and heat. The valve is the standard Model 'E' gate valve, modified with extended bonnet and stem to place the stem packing outside the critical heat zone. Other features and trim chart shall remain the same for model 'E' gate valves.

Pressure Derating Table : (As recommended by API 6A)								
-20 to 250 F	300 F	650 F	400 F	450 F	500 F	550 F	600 F	650 F
2000	1955	1905	1860	1810	1735	1635	1540	1430
3000	2930	2860	2785	2715	2605	2455	2310	2145
5000	4880	4765	4645	4525	4340	4090	3850	3575



DIMENSIONAL DATA FOR HIGH TEMPERATURE VALVE, UPTO 650 F								
Size	Working Pressure	A	E	F	G	J	N	WT IN LBS
2.1/16"	2000	2.1/16	4.13/16	25.1/4"	11	11.5/8	13	96
	3000/5000		5.1/16	25.7/16	13	14.5/8		165
2.9/16	2000	2.9/16	5.5/8	26.3/16	13	13.1/8	15.1/2	130
	3000/5000		5.15/16	26.7/16	16	16.5/8		220
3.1/8	2000	3.1/8	6.15/16	28.1/2	13	14.1/8	20	186
	3000		7.5/16	28.3/4	16	17.1/8		273
	5000		7.5/16	28.3/4	16	18.5/8		311
4.1/16	2000	4.1/8	8.5/8	31.15/16	16	17.1/8	24.1/2	351
	3000		9.1/16	32.3/8	20	20.1/8		523
	5000		9.1/16	32.3/8	20	21.5/8		545

Flange specification conforms to API Standard 6A