

Forged Steel Gate Valve

Conforming to A.P.I. 602 class 300

Fig. GA - F30 - 1 23

DESCRIPTION:

Hard faced body seat as standard (half stellite trim) – standard bore – outside screw and yoke – bolted bonnet – rising stem – solid wedge.
Backseating design allows gland repacking under pressure when valve is fully opened.
Flanges are electron beam welded to the valve body.

ENDS:

Flanged and drilled A.N.S.I. 300 raised face conforming to A.N.S.I. B16.5.
Face to face dimensions to A.N.S.I. B16.10.

AVAILABLE:

In sizes 15mm - 50 mm.

PRESSURE/TEMP RATING:

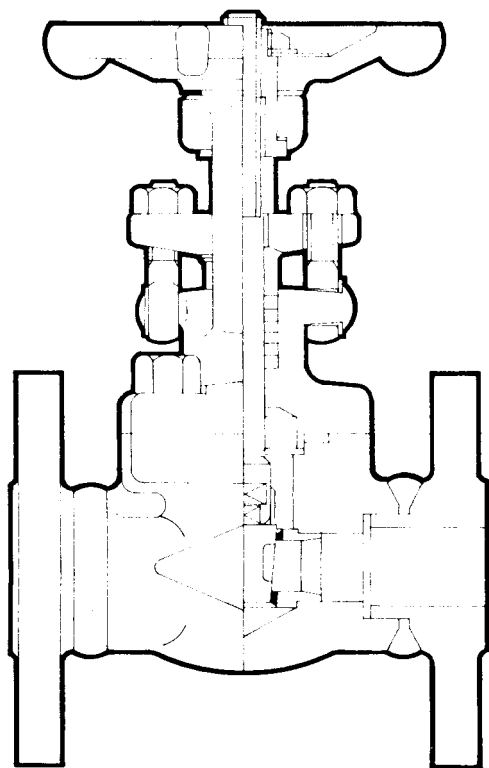
1,860 kPa at 454°C.
5,100 kPa at -29°C to +38°C.

TEST PRESSURES:

Body: 7,800 kPa hydrostatic.
Seat: 5,700 kPa hydrostatic.

OPTIONS:

Full stellite trim, 316 stainless steel trim, special gland packing, N.A.C.E. MR-01-75, electric or pneumatic actuated.



PART	MATERIAL	A.S.T.M.
Handwheel nut	Carbon steel	A563A
Tooth washer	Carbon steel	
Name plate	Aluminium	
Handwheel	Malleable iron	A197
Yoke sleeve	13Cr Stainless steel	A582-416
Thrust washer	13Cr Stainless steel	A276-410
Eye bolt	13Cr Stainless steel	A276-410
Gland nut	Carbon steel	A194-2H
Gland flange	Forged steel	*A105
Gland	13Cr Stainless steel	A276-410
Retaining washer	Carbon steel	A283D
Gland packing	Non-asbestos	
Bonnet bolt	Alloy steel	A193-B7
Bonnet	Forged steel	*A105
Gasket	304 Hoop-teslon	
Stem	13Cr Stainless steel	A276-410
Seat ring	13Cr S/S + Stellite #6	A276-410
Wedge	13Cr Stainless steel	A217-CA15
Body	Forged steel	*A105

*Carbon content 0.25% max

DIMENSIONS:

Nominal Size mm	15	20	25	40	50
A mm	140	152	165	190	216
B mm (open)	145	153	192	245	267
C mm	102	102	114	140	165
Approx. Weight kg	3.0	4.0	6.0	11.0	14.0

