

# Forged Steel Globe Valve

Conforming to A.P.I. 602 class 150

## Fig. GL - F15 - 1

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### DESCRIPTION:

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

### ENDS:

Flanged and drilled A.N.S.I. 150 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:

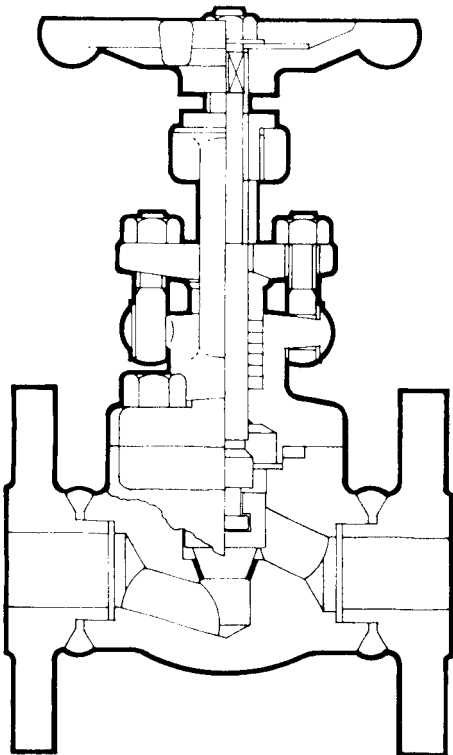
1,171 kPa at 260°C.  
1,964 kPa at -29°C to +38°C.

### TEST PRESSURES:

Body: 3,100 kPa hydrostatic.  
Seat: 2,200 kPa hydrostatic.

### OPTIONS:

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



PART	MATERIAL	A.S.T.M.
Handwheel nut	Carbon steel	A563A
Handwheel washer	Carbon steel	A283D
Name Plate	Aluminium	
Handwheel	Malleable iron	A197
Yoke bush	13Cr Stainless steel	A582-416
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-tylon	
Stem	13Cr Stainless steel	A276-410
Disc	13Cr Stainless steel	A217-CA15
Seat	Stellite #6/ Equiv	
Body	Forged steel	*A105

\*Carbon content 0.25% max

### DIMENSIONS:

Nominal Size mm	15	20	25	40	50
A mm	108	117	127	165	203
B mm (open)	149	157	190	225	267
C mm	102	102	114	140	165
Approx. Weight kg	2.5	3.1	4.9	9.2	13.9

