

Specification for Forged Carbon Steel Globe Valve (IBR)

Type- Forged Carbon Steel Globe Valve. IBR Certified.

Duty- To handle steam at pressure = 10.9 Kg/cm^2 at temp. 260°C .

Design- straight conventional port, outside screw and yoke, bolted bonnet rising stem and renewable seats CLASS-800.

Stem- Rising Stem out side screw.

End Connection- Flanges drilled as per BS-10, table-F.

Operation- Through malleable iron hand wheel, ASTM A-47.

Make- KSB / Akay / BDK / L&T / Thermax

Material of construction

- (a) Body & Bonnet With integral Yoke & gland- ASTM-A 105 Gr-II
- (b) Stem, Disc & seat ring- 13% Cr stainless Steel Heat treated and Hardened Facing.
- (c) Gland Packing - PTFE Impregnated asbestos
- (d) Gasket - Spiral wound asbestos with SS-304 insert

Notes-

1. the party shall submit following with the offer
 - (a) Complete description and illustrative catalogue / literature
 - (b) Detailed cross section drawing with parts/material list.On failure to submit documents as specified the offer is likely to be rejected.
2. The party shall submit the following documents along with supply of material
 - (a) material test certificate (in this suppliers must indicate clearly chemical composition and physical properties)
 - (b) Hydraulic test certificate.
 - (c) IBR certificate in Form IIC duly signed by inspecting authorities for valve meant for steam service.

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Anjan