



INTERVALVE® (INDIA) LTD.



IV GTF, GLF, LCHF

Forged Steel Gate, Globe & Check Valves



Gate Valve



Globe Valve



Check Valve

The IV Forge range of Gate, Globe & Check Valves incorporates state of the art design features to provide a rugged construction, reliable operation & long service life; suitable for all the segments of the process industries including oil & gas, refineries, petrochemicals, fertilizers, power plants & common utilities.

The valves are available in Socket weld, Screwed end, Butt weld & Flange end connections. Valves can be provided with special cleaning for oxygen service, NACE Compliant materials for sour service in petroleum industries, etc.

The valves can be provided with motor operation for Gate & Globe valves, wherever required.

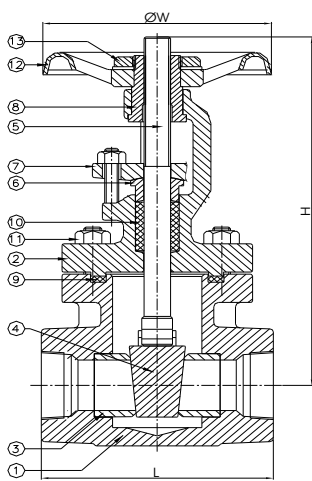
Conformity To Codes & Standards :

Design	:	ASME/ ANSI B16.34/ API 602/ BS 5352/ IBR
Pr.&Temp Rating	:	ASME/ ANSI B16.34
Flange Ends	:	ASME/ ANSI B16.5
Butt Weld Ends	:	ASME/ ANSI B16.25
Socket Weld Ends	:	ASME/ ANSI B16.11
Screwed Ends	:	ASME/ ANSI B1.20.1
Testing	:	API 598/ EN 12266 PART 1 (BS 6755 PART 1)

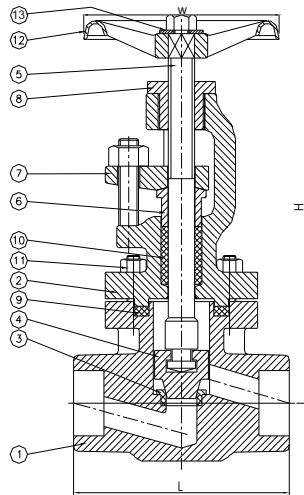
Salient Features :

- ▶ The product designs are in accordance to ANSI B16.34/ API 602/ BS 5352/ IBR with reliable sealing & sturdy appearance to ensure excellent performance.
- ▶ OS & Y (Outside screw & yoke) Construction
- ▶ Back Seat arrangement to provide isolation of Stuffing Box for On-Line serviceability.
- ▶ Stellite Gr.6 Hardfaced seating surfaces for # 1500 & # 2500 Valves, optionally available for # 800 valves also.
- ▶ Full range of Body/ Bonnet & Trim material
- ▶ Gear/ Electrical operator can be provided, if required



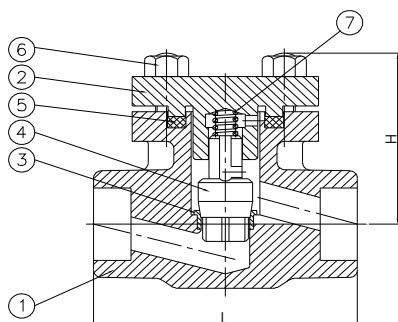


Gate Valve



Globe Valve

Sr. No.	Part Name
1	Body
2	Bonnet
3	Seat
4	Disc/ Wedge
5	Spindle
6	Gland
7	Gland Flange
8	Yoke Sleeve
9	Gasket
10	Packing
11	Hardware
12	Handwheel
13	Handwheel Nut



Check Valve

Sr. No.	Part Name
1	Body
2	Cover
3	Seat
4	Plug
5	Gasket
6	Hardware
7	Spring

API TRIM NO. & SEAT HARDFACING

API 602 Trim No.	Nominal Trim	Material Type	Seat	Wedge	Back Seat
1	F6	13% Cr Steel		13% Cr	
4	Hard F6	Hardfaced With 13% Cr Steel		Hardfaced With 13% Cr	
5	Hardfaced	Hardfaced With Co-Cr-W Alloy		Hardfaced With Stellite.6	
8	F6 & Hardfaced	13% Cr Steel & Hardfaced With Co-Cr-W Alloy	Stellite.6	13% Cr	Stellite.6/ 13% Cr

Note : Other Trim Materials are also available as per API 600, on request

Recommended Body/ Bonnet & Trim Material For High Temperature Services (Water/ Steam)

Temperature	Body/ Bonnet Materials	API Trim No.
Upto 800 °F (427 °C)	A 105,A 182, Gr.F22	1, 4, 5, 8
Above 800 °F (427 °C) & Upto 1000 °F (540 °C)	A 182 Gr.F11,A 182 Gr.F22	5 & 8
Above 1000 °F (540 °C)	A 182 Gr. F22	5

*Note : For the selection of suitable MOC for other media, refer works



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