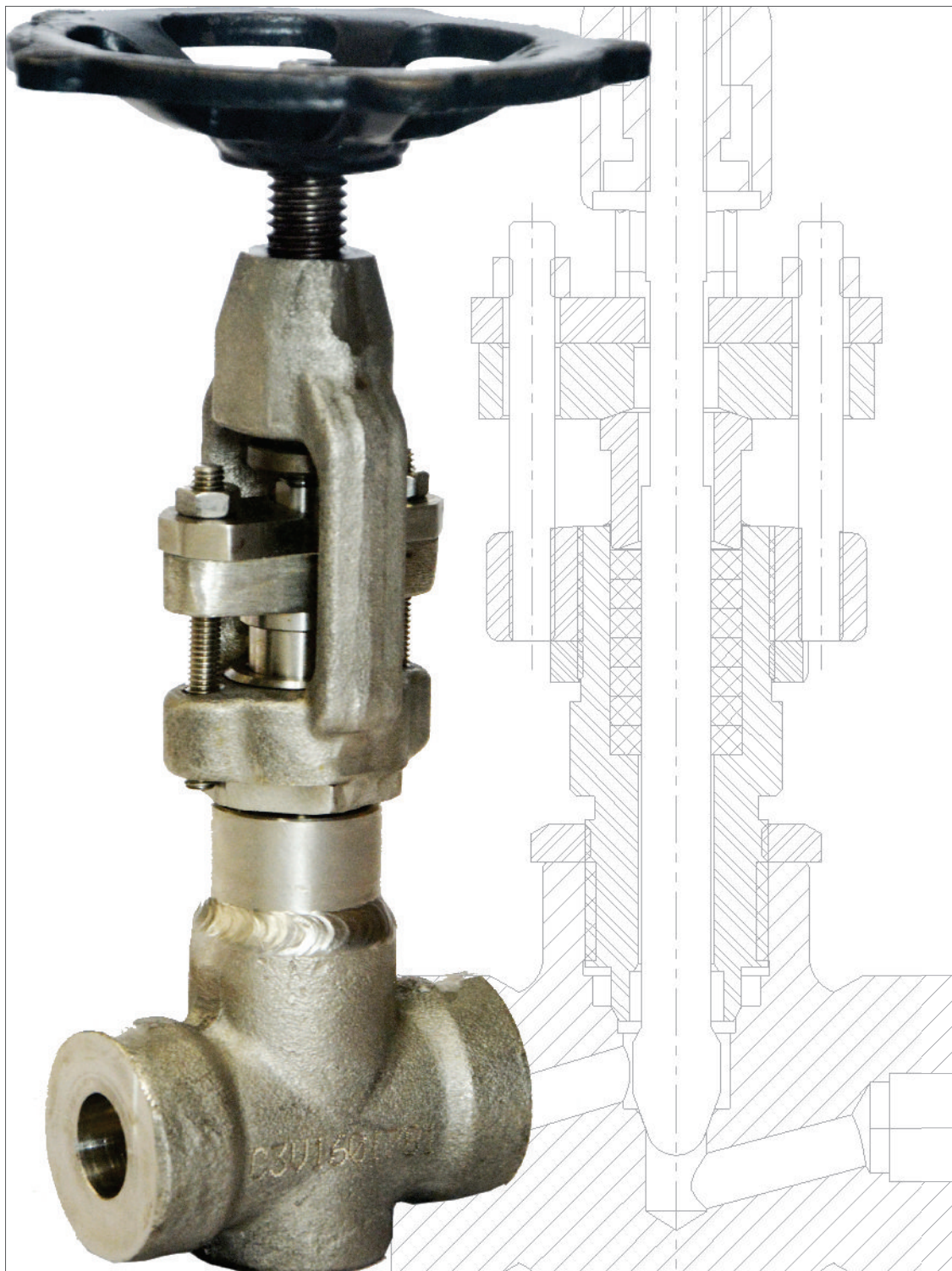




# High Pressure Isolation Globe Valves

Effective Isolation of High Pressure and Temperature Steam Samples



# High Pressure Isolation Globe Valves

Proper isolation of steam samples is the most important aspect of sampling systems and the local instrumentation rack. Stop valves used for steam service must be globe type and designed to withstand high pressure and temperature samples.

The new Forbes Marshall Slim Trim Valve has been designed to cater to sampling requirements of high-pressure supercritical boilers and power plants.

These valves are compact and yet more efficient in terms of effective isolation of high pressure and temperature steam samples. The unique design of these valves helps in ease of maintenance.

## Features

Outside screw and yoke construction

Valves provided with back seating arrangement

Self-aligning two piece gland

Locking arrangement (optional)

Meets design requirements of ASME B16.34 / EN 12516 / IBR

Socket weld ends conform to ASME B16.11

Screwed ends conform to ASME B1.20.1

Butt weld ends conform to ASME B 16.25

Welded bonnet optional

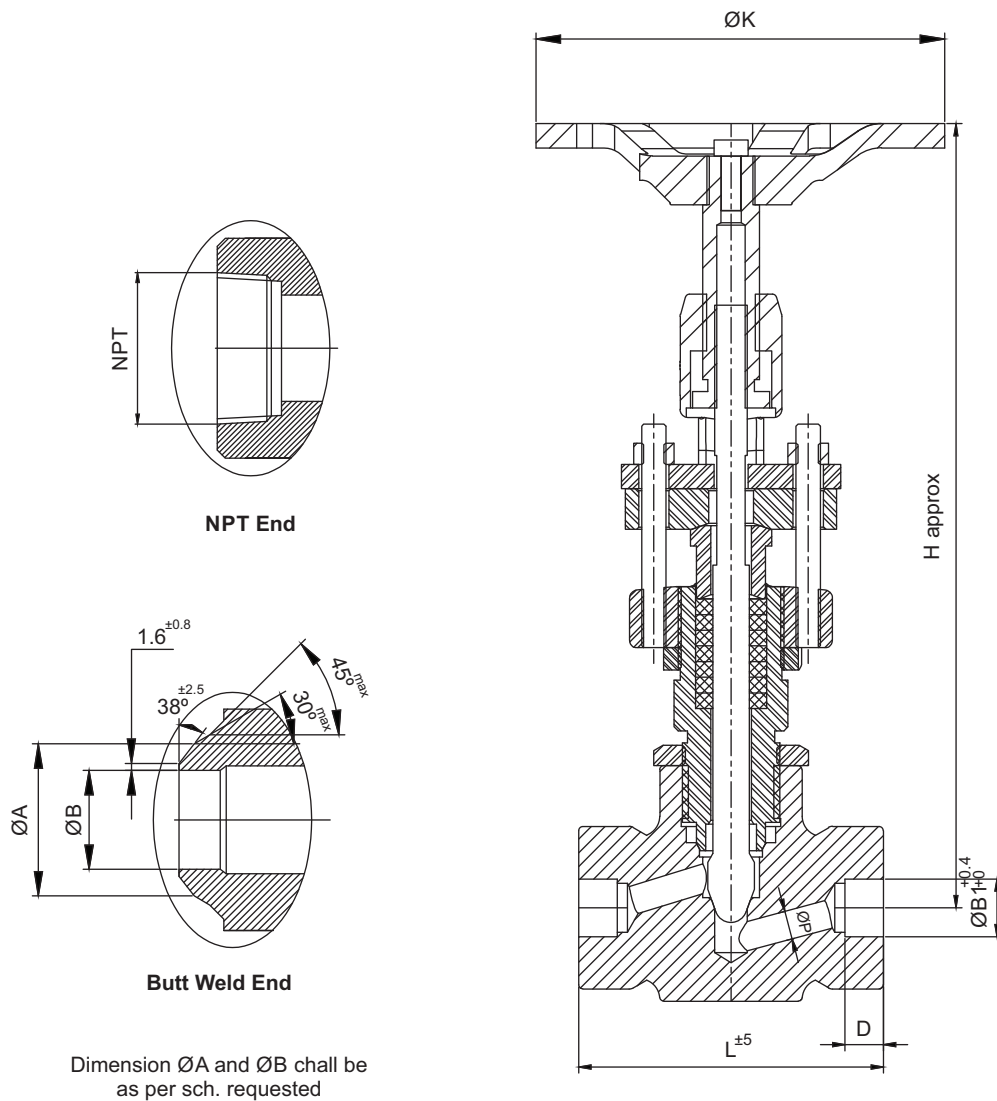
Specially designed die formed graphite packing, controlled clearances between stem, gland and back seat for guaranteed low emissions meet 100 ppm maximum fugitive emission levels.

## Easy to Maintain



## Easy to Mount (Wall mounting)





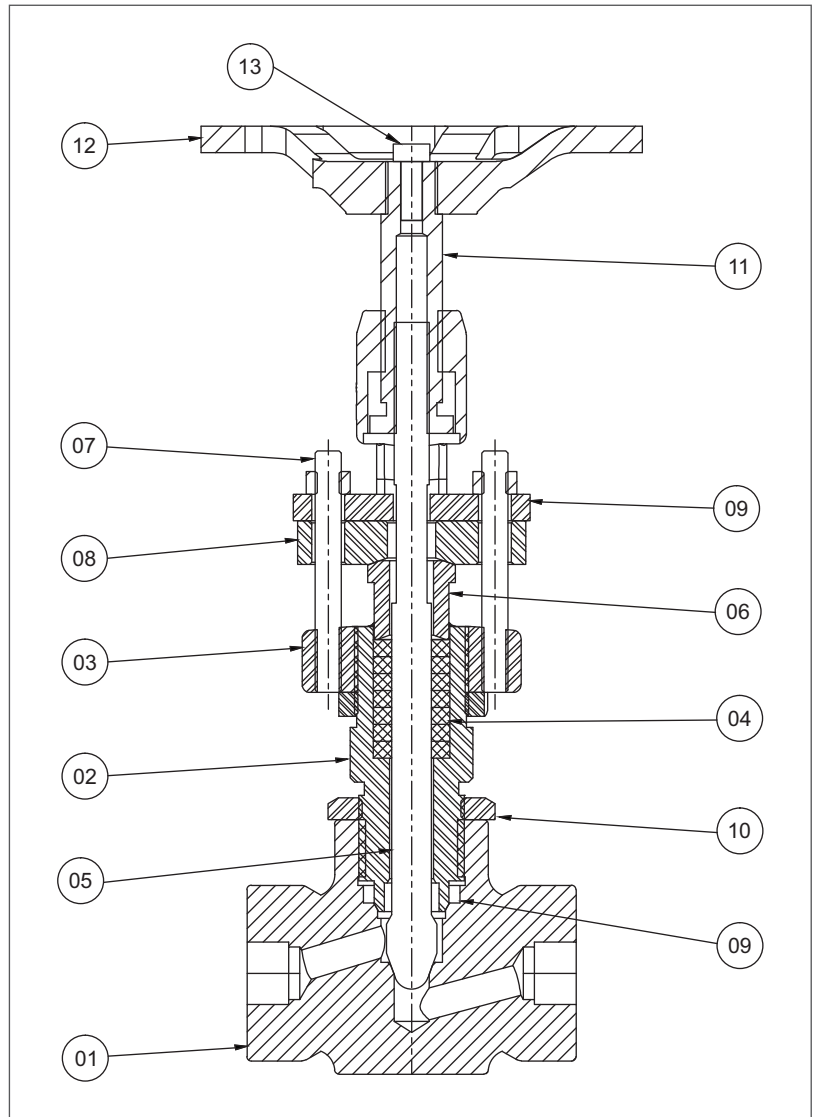
**Stop / Globe Valve (Class 1500/2500/4500)**

Size (NB)	1/4" (6)	3/8" (10)	1/2"(15)
L	75	75	75
$\varnothing P$	7	7	7
H	195	195	195
$\varnothing B1$	14.2	17.6	21.8
D	10	10	10
$\varnothing K$	100	100	100
NPT	1/4"	3/8"	1/2"
Wt. (KG)	1.8	1.8	1.8

**Note :** Weight of the Class 4500 valves shall be up to 3 kg.

	Part name	F304	F304L	F316	F316L	F304H	F316H
1	Body	A182 F304	A182 F304L	A182 F316	A182 F316L	A182 F304H	A182 F316H
2	Bonnet	A182 F304	A182 F304L	A182 F316	A182 F316L	A182 F304H	A182 F316H
3	Yoke	A182 F304	A182 F304L	A182 F316	A182 F316L	A182 F304H	A182 F316H
4	Gland packing	Grafoil	Grafoil	Grafoil	Grafoil	Grafoil	Grafoil
5	Stem	A276 Gr 316	A276 Gr 316	A276 Gr 316	A276 Gr 316L	A276 Gr 316H	A276 Gr 316H
6	Gland bush	A276 Gr 316	A276 Gr 316	A276 Gr 316	A276 Gr 316L	A276 Gr 316H	A276 Gr 316H
7	Stud and nut	A193 Gr B8M/ A194 Gr 8M	A193 Gr B8M/ A194 Gr 8M	A193 Gr B8M/ A194 Gr 8M	A193 Gr B8M/ A194 Gr 8M	A193 Gr B8M/ A194 Gr 8M	A193 Gr B8M/ A194 Gr 8M

	Part	Material
8	Gland flange	A182 F316
9	Guide plate	A240 Gr 316
10	Lock nut	A276 Gr. 316
11	Yoke sleeve	D2C/AL.Bronze
12	Hand wheel	Carbon steel
13	Head screw	Stainless steel



Forbes Marshall  
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Codel International  
Forbes Solar  
Forbes Vyncke  
Forbes Marshall Steam Systems

Opp 106th Milestone  
Bombay Poona Road  
Kasarwadi, Pune - 411 034. INDIA  
Tel : 91(0)20-27145595, 39858555  
Fax : 91(0)20-27147413

Email : [swasmktg@forbesmarshall.com](mailto:swasmktg@forbesmarshall.com), [ccmidc@forbesmarshall.com](mailto:ccmidc@forbesmarshall.com)

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B-85, Phase II, Chakan Indl Area  
Sawardari, Chakan, Tal. Khed  
Dist. Pune - 410 501. INDIA  
Tel : 91(0)2135-393400

A-34/35, MIDC H Block  
Pimpri, Pune - 411 018. INDIA.  
Tel : 91(0)20-27442020, 39851199  
Fax : 91(0)20-27442040

CIN No.: U28996PN1985PTC037806

[www.forbesmarshall.com](http://www.forbesmarshall.com)