

GLOBE VALVES

Threaded End Forged Steel Globe Valves



Forged Steel Threaded End Globe Valves 800 PSI A105

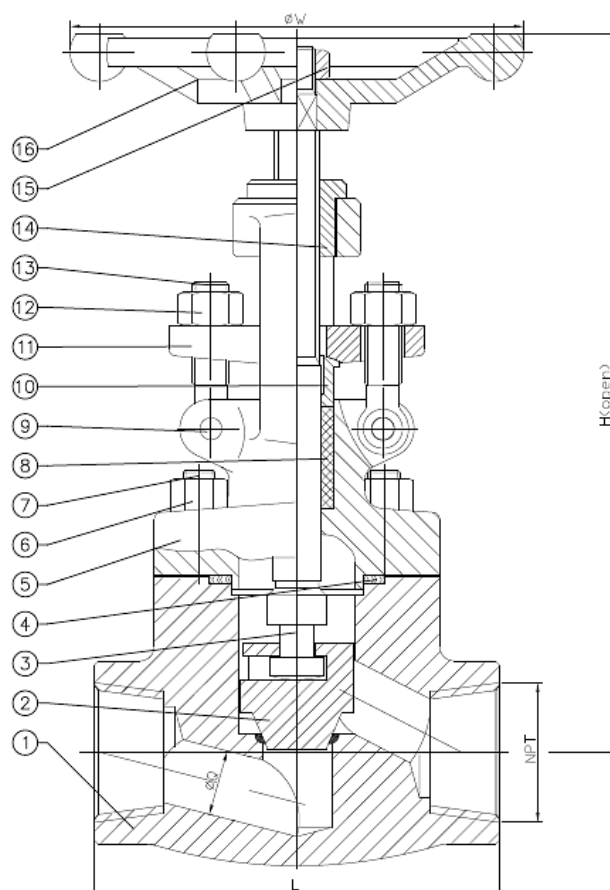
Features

- Threaded End: NPT
- Size: 1/2" – 2" (DN15 – DN50)
- Valve Body Material: A105
- Working Pressure: 800 PSI
- Applicable Medium: General oil, gas and water applications
- Temperature Range: -29°C to 425°C



Material List

No.	Part Name	Material
1	Body + Seat	ASTM A105 + STL
2	Disc	ASTM A276 420
3	Stem	ASTM A182 F6A
4	Gasket	SS304 + Graphite
5	Bonnet	ASTM A105
6	Bonnet Nut	ASTM A194 2H
7	Bonnet Bolt	ASTM A193 B7
8	Packing	Graphite
9	Pin	ASTM A307-A
10	Gland	ASTM A276 410
11	Gland Flange	ASTM A105
12	Gland Nut	ASTM A194 2H
13	Gland Bolt	ASTM A193 B7
14	Yoke Sleeve	ASTM A276 410
15	Lock Nut	Carbon Steel
16	Handwheel	ASTM A197



Technical Specifications

1. Basic design and manufacture according to API602/BS5352
2. Inspection and test for according to API 598
3. Connection screw for the valve according to ASME B1.20.1

Main Technical Parameter			
Nominal Pressure		800 PSI	
Test Pressure	Shell Test	21.0	MPa
	Seal Test	15.4	
	Gas Test	0.6	
Max Working Temperature		-29°C to 425°C	
Applicable Medium: General oil, gas & water			

Ordering Information

VL - FS - GL - N - 800 - 08
 I II III IV V VI

I Type of Item

VL Low Pressure Valves

II Material Grade

S	SS316, CF8M	CI	Cast Iron
FS	Forged Steel	CS	Cast Steel
B	Brass		

III Item

GA	Gate Valve	B1	1 PC Ball Valve
GL	Globe Valve	B2	2 PC Ball Valve
YS	Y-Strainer	B3	3 PC Ball Valve
SC	Swing Check Valve	BL	3 Way Ball Valve L Port
VC	Vertical Check Valve	BT	3 Way Ball Valve T Port
WC	Wafer Check Valve	BMF	Male x Female Mini Ball Valve
DD	Dual Disk	BU	Butterfly Valve

IV Connection Type

SW	S/W	G	BSPP
BW	B/W	N	NPT
R	BSPT	F	Flange End
W	Wafer	L	Lug

V Pressure

200	200 PSI	2000	2000 PSI
300	300 PSI	150	ANSI 150# Flange Standard
600	600 PSI	10K	JIS 10K Flange Standard
800	800 PSI	PN16	PN 16 Flange Standard
1000	1000 PSI		

For Inch OD & Inch NB Sizes
VI Size

Size	1/8"	1/4"	5/16"	3/8"	1/2"	5/8"	3/4"	1"
Code	02	04	05	06	08	10	12	16
Size	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"
Code	20	24	32	40	48	64	80	96

VII Coating

(None) No Additional Coating
 NI Nickel Plating

Dimension List

NPS	ØQ	L	H	W	Weight (Kg)
1/2"	10	79	160	100	2.25
3/4"	13	92	160	100	2.45
1"	18	111	200	125	4.15
1 1/4"	23	120	215	160	5.58
1 1/2"	30	152	240	160	8.07
2"	37	172	276	180	12.32

Part Number Reference

Part No	Description
VL-FS-GL-N-800-08	1/2"NPT GLOBE VALVE 800 PSI A105 OS&Y RISING STEM, STELLITE SEAT & DISC
VL-FS-GL-N-800-12	3/4"NPT GLOBE VALVE 800 PSI A105 OS&Y RISING STEM, STELLITE SEAT & DISC
VL-FS-GL-N-800-16	1"NPT GLOBE VALVE 800 PSI A105 OS&Y RISING STEM ,STELLITE SEAT & DISC
VL-FS-GL-N-800-20	1 1/4"NPT GLOBE VALVE 800 PSI A105 OS&Y RISING STEM, STELLITE SEAT & DISC
VL-FS-GL-N-800-24	1 1/2"NPT GLOBE VALVE 800 PSI A105 OS&Y RISING STEM, STELLITE SEAT & DISC
VL-FS-GL-N-800-32	2"NPT GLOBE VALVE 800 PSI A105 OS&Y RISING STEM, STELLITE SEAT & DISC

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