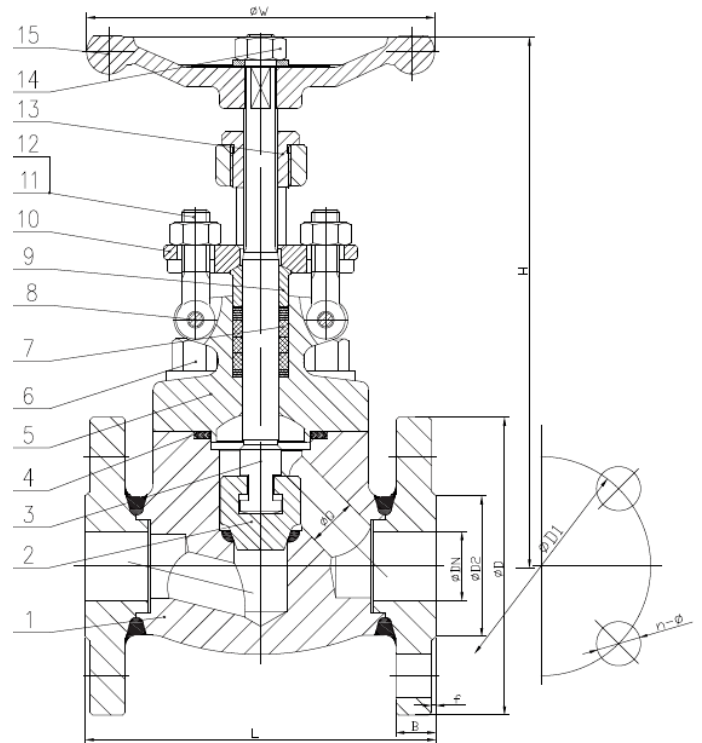


ANSI 150# FORGED STEEL FLANGE GLOBE VALVE A105
Feature:

- ANSI 150# Flange Connection
- Size: 1" – 1 1/2"
- Valve Body Material: Forged Steel A105
- Working Pressure: Class 150
- 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+13Cr
2	Disc	ASTM A276 420
3	Stem	ASTM A182 6A
4	Gasket	SS304 + Graphite
5	Bonnet	ASTM A105
6	Bonnet Bolt	ASTM A193 B7
7	Packing	Graphite
8	Pin	ASTM A307-A
9	Gland	ASTM A276 410
10	Gland Flange	ASTM A105
11	Gland Bolt	ASTM A193 B7
12	Gland Nut	ASTM A194 2H
13	Yoke Sleeve	ASTL 276 410
14	Lock Nut	Carbon Steel
15	Handwheel	ASTM A197


Technical Specifications

1. Basic design and manufacture according to API 602/BS5352
2. Face to face dimension: ASME B16.10
3. Flange End: ASME B16.5 RF
4. Inspection and test: API 598

Main Technical Parameter			
Normal pressure		150PSI	
Test pressure	Shell test	3.0	MPa
	Seal test	2.2	
	Gas test	0.6	
Max working temperature		-29°C to 425°C	
Applicable Medium: General oil, gas & water			



Ordering Information

VL - S - B2 - G - 1000 - 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 Flanged End
 W Wafer L Lug

V Pressure

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

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	Part No	Q	D	D1	D2	L	W	H	B	F	n-Øz
1"	VL-FS-GL-F-150-16	18	108	79	51	127	125	203	14	1.6	4-Ø16
1 1/4"	VL-FS-GL-F-150-20	23	117	89	63.5	140	160	224	16	1.6	4-Ø16
1 1/2"	VL-FS-GL-F-150-24	30	127	98.5	73	165	160	260	17.5	1.6	4-Ø16

Part Number Reference:

Part No	Description
VL-FS-GL-F-150-16	1" 150# FLANGE END GLOBE VALVE A105 RF,RISING STEM,SS410 STEM
VL-FS-GL-F-150-20	1 1/4" 150# FLANGE END GLOBE VALVE A105 RF,RISING STEM,SS410 STEM
VL-FS-GL-F-150-24	1 1/2" 150# FLANGE END GLOBE VALVE A105 RF,RISING STEM,SS410 STEM



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