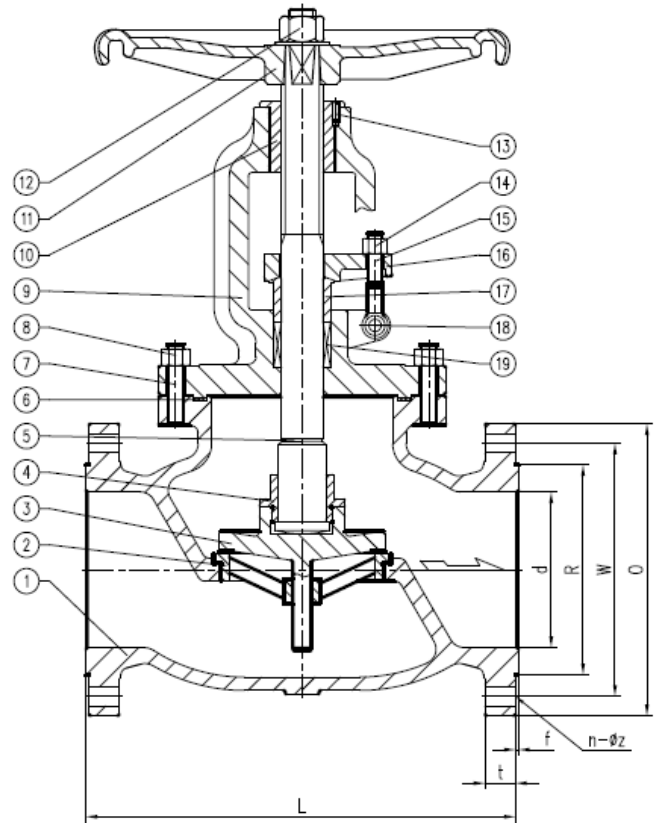


**ANSI 150# CAST IRON FLANGE GLOBE VALVE**
**Feature:**

- ANSI 150# Flange Connection
- Size: 2" – 4" (DN50 – DN100)
- Valve Body Material: Cast Iron
- Working Pressure: Class 150
- Applicable Medium: General oil , gas and water applications
- Temperature range:  $\leq 205^{\circ}\text{C}$


**Material List:**

NO.	Part Name	Material
1	Body	A126 B Cast Iron
2	Seat	A126 B Cast Iron
3	Disc	A126 B Cast Iron
4	Cover	A29 1025
5	Stem	A276 SUS410
6	Gasket	SS304 + Graphite
7	Bolts	A29 1035
8	Nuts	A29 1025
9	Bonnet	A126 B Cast Iron
10	Stem Nut	A276 SUS410
11	Handwheel	A47 32510 Malleable Iron
12	Nut	A29 1025
13	Screw	SS304
14	Nut	A29 1025
15	Bolt	A29 1035
16	Gland Flange	A126 B Cast Iron
17	Packing Gland	A276 SUS410
18	Pin	A29 1025
19	Packing	Flexible Graphite



Pressure Test	Class 150	
Hydraulic body test pressure	2.06	Mpa
Seal test pressure	1.57	
Hermetical Sealing Test	0.6	
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	d	L	O	W	R	n - Øz	t	f
2"	VL-CI-GL-F-150-32	50	200	152	120.7	92.1	4-Ø19	15.9	2
2-1/2"	VL-CI-GL-F-150-40	65	216	178	139.5	104.8	4-Ø19	17.5	2
3"	VL-CI-GL-F-150-48	80	240	190	152.5	127	4-Ø19	19.1	2
4"	VL-CI-GL-F-150-64	100	292	229	190.5	157.2	8-Ø19	23.9	2

**Part Number Reference:**

Part No	Description
VL-CI-GL-F-150-32	2" 150# CI FLANGE END GLOBE VALVE RF, NON-RISING STEM
VL-CI-GL-F-150-40	2 1/2" 150# CI FLANGE END GLOBE VALVE RF, NON-RISING STEM
VL-CI-GL-F-150-48	3" 150# CI FLANGE END GLOBE VALVE RF, NON-RISING STEM
VL-CI-GL-F-150-64	4" 150# CI FLANGE END GLOBE VALVE RF, NON-RISING STEM



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