

ANSI 150# Cast Iron Flange End Gate Valves

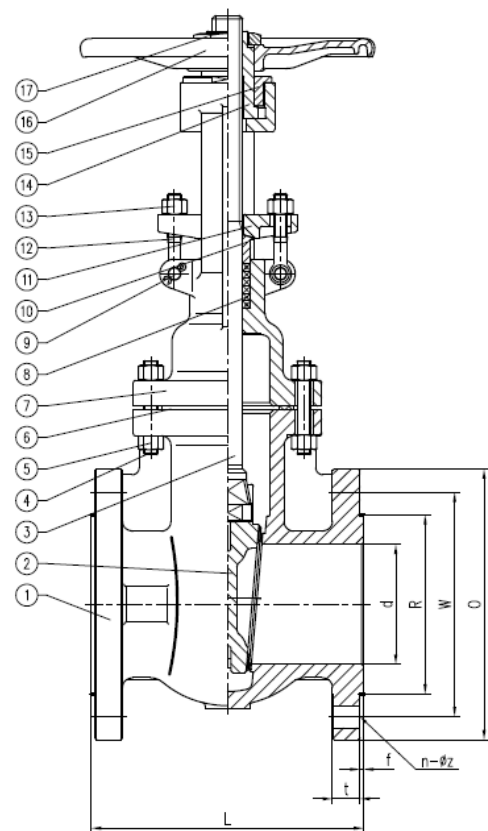
Features

- ANSI 150# Flange Connection
- Size: 2" – 6" (DN50 – DN150)
- Valve Body Material: Cast Iron
- Working Pressure: 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	Wedge	A126 B Cast Iron
3	Stem	A276 SS304
4	Bolts	A29 1035
5	Nuts	A29 1025
6	Gasket	SS304 + Graphite
7	Bonnet	A126 B Cast Iron
8	Packing	Flexible Graphite
9	Pin	A29 1045
10	Packing Gland	A276 SS304
11	Gland Flange	A126 B Cast Iron
12	Eye Bolts	A29 1035
13	Nuts	A29 1025
14	Stem Nut	A276 SUS410
15	Cover	A29 1025
16	Handwheel	A47 32510 Malleable Iron
17	Nut	A29 1025



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 - CI - GA - F - 150 - 32
 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	Part No	d	L	O	W	R	n – Øz	t	f	Weight (Kg)
2"	VL-CI-GA-F-150-32	50	178	152	120	92.1	4-Ø19	15.5	2	14.80
2-1/2"	VL-CI-GA-F-150-40	65	190	178	139	104.8	4-Ø19	16.6	2	20.10
3"	VL-CI-GA-F-150-48	80	204	190	150	127	4-Ø19	18	2	34.00
4"	VL-CI-GA-F-150-64	100	229	227	190	157.2	8-Ø19	22.5	2	39.00
5"	VL-CI-GA-F-150-80	125	254	254	216	-	8-Ø22	23.9	2	50.30
6"	VL-CI-GA-F-150-96	150	270	279	241.5	-	8-Ø22	25.4	2	61.15

Part Number Reference

Part No	Description
VL-CI-GA-F-150-32	2" 150# CI FLANGE END GATE VALVE RF, RISING STEM
VL-CI-GA-F-150-40	2 1/2" 150# CI FLANGE END GATE VALVE RF, RISING STEM
VL-CI-GA-F-150-48	3" 150# CI FLANGE END GATE VALVE RF, RISING STEM
VL-CI-GA-F-150-64	4" 150# CI FLANGE END GATE VALVE RF, RISING STEM
VL-CI-GA-F-150-80	5" 150# CI FLANGE END GATE VALVE RF, RISING STEM, SS304 TRIM
VL-CI-GA-F-150-96	6" 150# CI FLANGE END GATE VALVE RF, RISING STEM, SS304 TRIM