

Cast Iron Gate Valve

VA-16

Design Features:

- Flexible Wedge Design to compensate Seat Face Distortions & Deformation.
- Flat Seating Surface with long wear travel for Bubble Tight Sealing & Longer Life.
- Press Fitted Seat Rings as standard.
- Rising Stem Design to ensure fast visual control of the system status.
- Perfect interchangeability & Renewability of Components.
- By-Pass & Back Seat Arrangement Available on Request.

Conformity to Standards and Codes:

Design Standard:

BS EN 1171

Face to Face Dimension:

ASME B 16.10

End Details:

Flanged Ends to Suit ASME B16.5 #150

Range:

40mm to 300mm

Valve Testing:

API 598

Applications:

- Fire Hydrant System
- Sugar Industries
- Pulp and paper Industries
- Water work systems
- Sewage plants Irrigation Systems



PIONEERING FLUID CONTROLS

DOC. NO.: VAV-C-1032; REV. NO.:00; REV. DATE: 15-02-2015



12
months
GUARANTEE

www.vtm-valves.com

PART LIST

S. NO.	PART NAME	MATERIAL	SPECIFICATION	QTY.
1.	BODY	CAST IRON	IS 210 GR. FG 200	1
2.	BONNET	CAST IRON	IS 210 GR. FG 200	1
3.	WEDGE	CAST IRON	IS 210 GR. FG 200	1
4.	SEAT RING	CAST BRONZE	IS 318 GR. LTB2	4
5.	STEM	STAINLESS STEEL	ASTM A276 GR. 410	1
6.	GLAND PACKING	PURE GRAPHITE	GRAPHITE FILLED WITH INCONEL WIRE AND CORROSION INHIBITOR	1
7.	GLAND FLANGE	CAST IRON	IS 210 GR. FG 200	1
8.	YOKE SLEEVE	CAST BRONZE	IS 318 GR. LTB2	1
9.	YOKE RETAINING NUT	MILD STEEL	ASTM A105	1
10.	HAND WHEEL	DUCTILE IRON	ASTM A536 GR. 65-45-12	1
11.	WHEEL RETAINING NUT	DUCTILE IRON	ASTM A536 GR. 65-45-12	1
12.	BODY BONNET GASKET	FIBRE	CAF	1
13.	FASTNERS	CARBON STEEL	ASTM A307 GR. B	-

Note: Contact Factory for other Technical Detail/other Grade Material.

DIMENSIONS

SIZE	A	B	C	D	E	F	G	H	I	J	K
40MM	165	40	125	73.0	271	220	12.7	2	98.4	15.87	4
50MM	178	50	150	92.1	325	220	14.3	2	120.7	19.05	4
65MM	190	65	180	104.8	347	220	15.9	2	139.7	19.05	4
80MM	203	80	190	127.0	401	250	17.5	2	152.4	19.05	4
100MM	229	100	230	157.2	459	250	22.3	2	190.5	19.05	8
125MM	254	125	255	185.7	511	250	22.3	2	215.9	22.22	8
150MM	267	150	280	215.9	618	332	23.9	2	241.3	22.22	8
200MM	292	200	345	269.9	772	380	27.0	2	298.5	22.22	8
250MM	330	250	405	323.8	888	460	28.6	2	362.0	25.40	12
300MM	356	300	485	381.0	1027	460	30.2	2	431.8	25.40	12

NOTE: 1. All Dimensions are in mm unless & otherwise Specified.

2. Flange Dimensions are as per ASME B16.5 #150. Same are available in other standard on demand.

GUARANTEE

All valves are guaranteed against any manufacturing defects for a period of 12 months from date of supply, provided the valves have not been misused, damaged or installed for services they are not recommended. The company shall be liable to furnish part / parts thereof or full valve as the company may deem fit.

V.A. VALVES

ISO 9001-2008 Certified

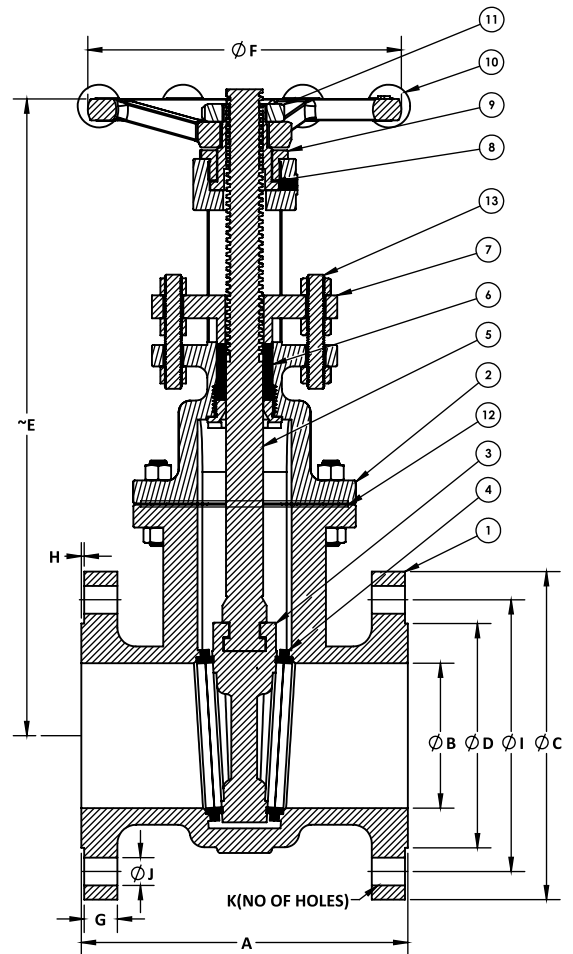
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Due to continuous development program, design and data in this leaflet are subject to change without prior notice.



TEST PRESSURE

RATING	HYDROULIC	
	SHELL (Kg/cm ²)	SEAT (Kg/cm ²)
PN 16	24.0	17.6

Authorized Stockist

Our associates:



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