

Ductile Iron Gate Valve

VA-16H

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:

API 600

Face to Face Dimension:

ASME B 16.10

End Details:

Flanged Ends to Suit BS EN 1092-2 PN25 /

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



INDUSTRIAL VALVES & CONTROLS

DOC. NO.: VAV-C-1020; REV. NO.: 01; REV. DATE: 09-06-2022

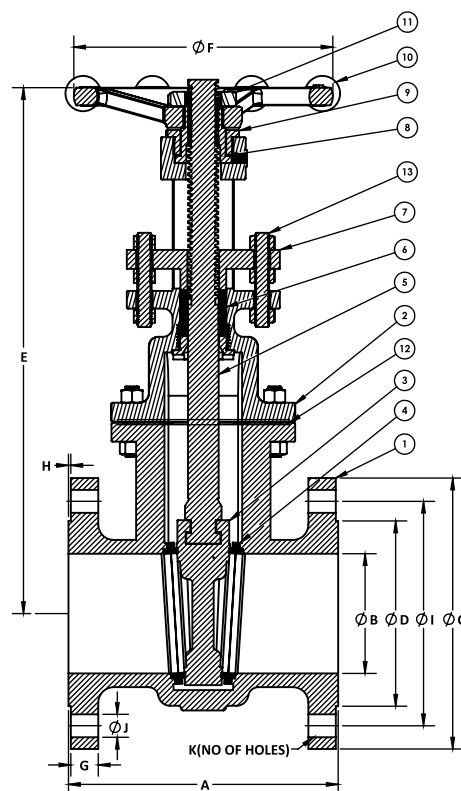


12
months
GUARANTEE

www.vtm-valves.com

PART LIST

S.NO.	PART NAME	MATERIAL	SPECIFICATION	QTY.
1.	BODY	DUCTILE IRON	ASTM A 536 Gr. 60-40-18/ IS 1865 Gr. SG 400-18	1
2.	BONNET	DUCTILE IRON	ASTM A 536 Gr. 60-40-18/ IS 1865 Gr. SG 400-18	1
3.	WEDGE	DUCTILE IRON	ASTM A 536 Gr. 60-40-18/ IS 1865 Gr. SG 400-18	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	DUCTILE IRON	ASTM A 536 Gr. 60-40-18/ IS 1865 Gr. SG 400-18	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 A 536 Gr. 60-40-18/ IS 1865 Gr. SG 400-18	1
11.	WHEEL RETAINING NUT	DUCTILE IRON	ASTM A 536 Gr. 60-40-18/ IS 1865 Gr. SG 400-18	1
12.	BODY BONNET GASKET	FIBRE	CNAF	1
13.	FASTNERS	CARBON STEEL	BS 1083 Gr. 4.7	-



DIMENSIONS

SIZE	A	B	C	D	E	F	G	H	I	J	K
40MM	165	40	150	84	271	190	16.0	3	110.0	19.0	4
50MM	178	50	165	99	325	190	16.0	3	125.0	19.0	4
65MM	190	65	185	118	347	190	16.0	3	145.0	19.0	8
80MM	203	80	200	132	401	250	16.0	3	160.0	19.0	8
100MM	229	100	235	156	459	250	16.0	3	190.0	23.0	8
125MM	254	125	270	184	511	250	16.0	3	220.0	28.0	8
150MM	267	150	300	211	618	300	17.0	3	250.0	28.0	8
200MM	292	200	360	274	772	340	19.0	3	310.0	28.0	12
250MM	330	250	425	330	888	415	21.5	3	370.0	31.0	12
300MM	356	300	485	389	1027	415	23.5	4	430.0	31.0	16

Note : All Dimensions are in mm unless & Otherwise Specified.

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.

TEST PRESSURE

RATING	HYDROULIC	
	SHELL (BAR)	SEAT (BAR)
PN 25	38.0	28.0

V.A. VALVES

ISO 9001:2015 CERTIFIED

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Authorized Stockist

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PIONEERING FLUID CONTROLS