



DESCRIPTION

VALMATIC™ Knife Gate Valve is constituted by a gate which slides in a narrow body. The upper part of the gate, in closed or opened position, stands out from the body. At the end of valve closing, the gate is stuck to the joint to assure the seat tightness. The gland packing guarantees the internal tightness of the valve.

VALMATIC™ Knife Gate Valve is available in rising stem, non-rising stem and bare shaft for mounting of actuator. The valve can be installed in vertical and horizontal position on the piping systems. It is widely used in Pulp and Paper Mill, Water and Waste Water Treatment Plant, Chemical Industry and Sugar Mill.

APPLICATION

Suitable for water, waste water, powdery or crystallizing products, oil and others non-aggressive media (Refer to corrosion resistance table for valve materials selection).

SPECIFICATION

End Connection

- Wafer Type suitable for DIN or ANSI Flange Standard

Type of Seat Design

- Metal Seated, Soft Seated

Working Pressure

- 10 Bar maximum for DN 50 to DN 250
- 7 Bar maximum for DN 300 to DN 450
- 4 Bar maximum for DN 500 to DN 600

Working Temperature

- Up to 80°C for Nitrile Seat
- Up to 110°C for EPDM Seat

Actuation

- Handwheel operated (Standard)

Optional

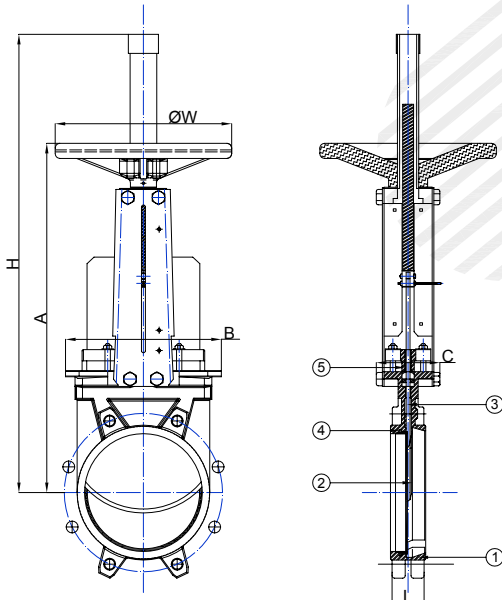
- Gear Box, Chain Handwheel, Lever, Pneumatic or Electric Actuator

Accessories

- Mechanical or inductive limit switches

MATERIALS

No.	Parts	Material
1.	Body	Cast Iron EN-GJL-250, Ductile Iron, Cast Steel, Stainless Steel AISI 304, AISI 316,
2.	Gate	Stainless Steel AISI 304, AISI 316
3.	Stem	Stainless Steel 13%Cr, AISI 304, AISI 316
4.	Seat	Metal, PTFE, NBR, EPDM, Viton
5.	Packing	PTFE, Graphite



DIMENSIONS (mm)

Size	inch - mm -	2	2 ½	3	4	5	6	8	10	12	14	16	18	20	24
		50	65	80	100	125	150	200	250	300	350	400	450	500	600
L		40	40	50	50	50	60	60	70	70	96	100	106	110	110
A		283	308	333	378	423	474	593	685	792	900	978	1105	1215	1418
B		124	139	154	174	189	220	275	326	380	438	494	547	613	716
C		83	83	83	83	93	93	108	108	108	290	290	290	290	290
H		348	388	413	488	564	635	809	946	1118	1282	1441	1587	1809	2060
ØW		200	200	200	200	250	250	310	310	310	500	500	500	500	500
Weight(Kg)		8	10	11	12	17	21	38	52	63	115	145	186	221	265

Valve size DN 700 to DN 1200 upon request.

The specification is subject to change without further notice



VALMATIC ENGINEERING SDN BHD

35, Jalan Layang Layang 4, Puchong Jaya Industrial Park,
Bandar Puchong Jaya, 47100 Puchong,
Selangor, Malaysia

(369320 W)

Tel : 603-5882 6683

Fax : 603-5882 8366

Email : vmatic@pd.jaring.my

http : www.valmatic.com.my