

## KNIFE EDGE GATE VALVE

**Lehry Make** Knife Edge Gate Valve design of the body and seat assures non-clogging shut off on suspended solids in industries such as:

- ❖ Pulp and Paper
- ❖ Power plants
- ❖ Mining.
- ❖ Chemical plants
- ❖ Wastewater
- ❖ Food and Beverage etc

The versatile metallic and resilient seats for bidirectional and unidirectional applications. The versatile metallic and resilient seats for bidirectional range is available in wafer, lugged and flanged configurations.

### Features :-

- ❖ Sharp heavy-duty knife edge at the bottom of gate cuts through solid sediments and ensures reliable shut-off
- ❖ Gate offered with surface coatings based on customer demand - Hardfacing, Nitriding, Chrome-plating
- ❖ Replaceable seats - Easy maintenance at site. Longer service life.
- ❖ Low operating torque - Facilitates use of a smaller-size actuators. Lower Initial Investment.



### Specification

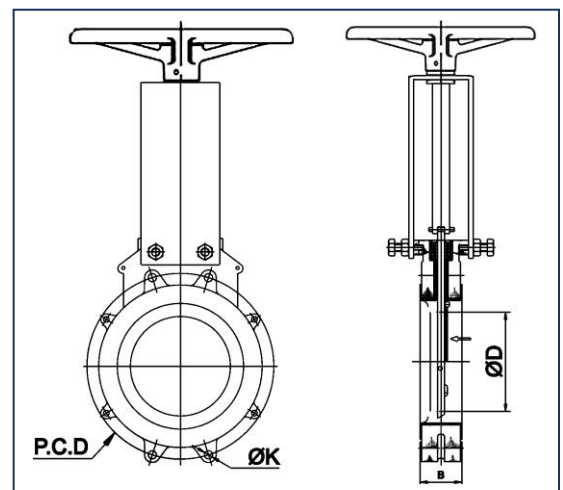
Body	CI / ASTM A 216 Gr. WCB / ASTM A 351 Gr. CF8
Yokes	Carbon Steel
Knife Plate	SS 304 / SS 316
Seat	Resilient! Metal to Metal
Gland Plates	CF8 / CF8M
Stem Nut	G. M. / S.G. Iron
Gland Packings	PTFE Impragnated Asbestos (Style No. 1094)
Gasket	CAF / Resilient
End Connection	Wafer Lug to suit BS 10 Table-'D' /ANSI B16.5 (150#)
Manufacturing Std	MSS SP-81
Inspection Testing Std.	MSS SP-81

### Test Pressure

Body	: 15 Kg/Cmsq
Seat	: 10 Kg/Cmsq

### Dimensions (All Dimensions are in mm)

Size		B	P. C.D.	ØK
MM	Inch			
40	1.1/2"	35	98.5	1/2"
50	2"	40.5	120.7	5/8"
65	2.1/2"	50.12	139.7	5/8"
80	3"	45.9	152.4	5/8"
100	4"	51.7	190.7	5/8"
125	5"	56.7	215.8	5/8"
150	6"	62.2	240	3/4"
200	8"	67.3	298	3/4"
250	10"	70.1	363	3/4"
300	12"	72.8	435	7/8"
350	14"	75.2	476	7/8"
400	16"	76	539.8	1"
450	18"	89	578	1.1/8"
500	20"	114	635	-
600	24"	114	749.3	-



### LEHRY INSTRUMENTATION & VALVES PVT. LTD

"Lehry Chambers" #78 (Old No.51) Sembudoss Street,  
PB No. 1506, Parrys Chennai - 600 001.

Chennai, Bangalore, Hyderabad, Vishakapatnam, Kolkata, Mumbai, Noida.  
: 044-25226995, 25225185, 25226187



Chennai, Jalandhar, Ahmedabad.  
: www.lehryvalves.com