

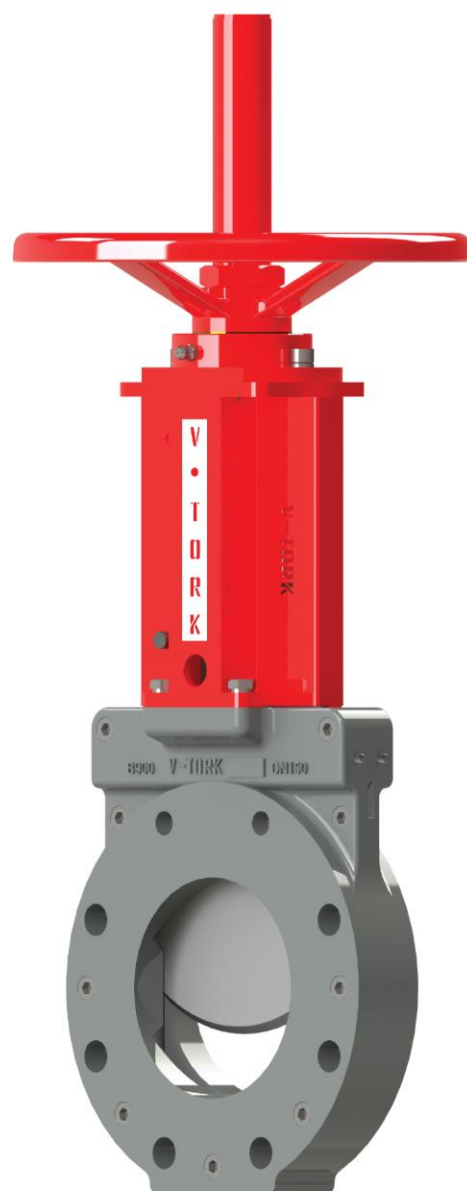


V-TORK®
WORLD CLASS INDUSTRIAL VALVES

B-900

BI - DIRECTIONAL TRANSFER SEAL KNIFE EDGE GATE VALVE

V-TORK® B-900 two piece rugged Bi-Directional Knife Gate Valve features full port design with zero Leakage by the unique transverse seal concept. The shearing gate design avoids the obstructions in the flowing media. Gate perimeter is guided through resilient seat which is mechanically retained, allowing for zero leakage isolation regardless of flow direction.



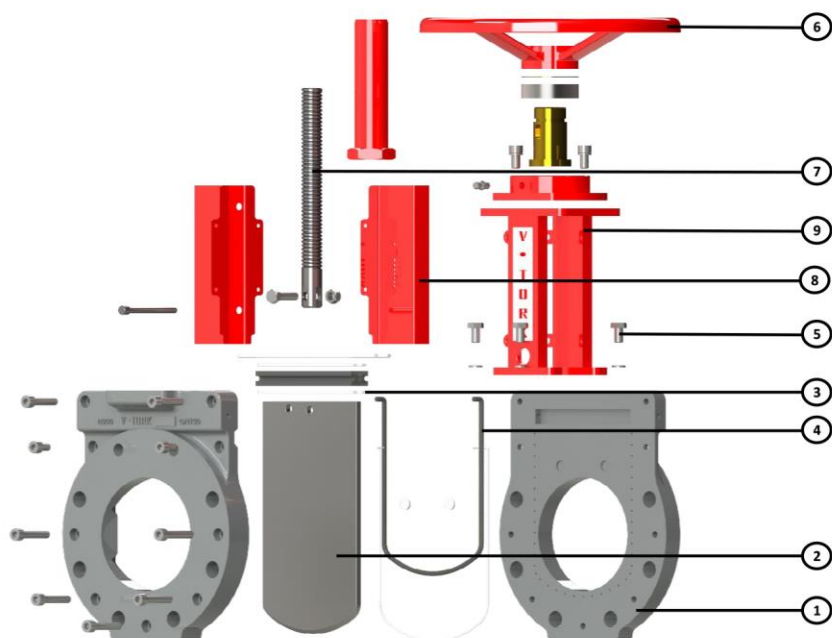
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PART NAME

MATERIAL

1. Body	Cast Stainless Steel/Cast Carbon Steel Ni-Resist (Ductile Iron / Cast Iron)
2. Gate	17-4 PH/Duplex 2205 (other special materials on request)
3. Scraper	Brass / PTFE
4. Seal	Nitrile Rubber, EPDM, Viton
5. Fasteners	Carbon Steel /Stainless Steel
6. Actuator	Manual Hand Wheel, Chain Wheel, Beval Gear Pneumatic Cylinder, Hydraulic Cylinder, Electrical Actuator
7. Stem	SS 410/SS 304/SS316 (other special materials on request)
8. Protection Guard	Carbon Steel
9. Yoke/Support Plate	Carbon Steel

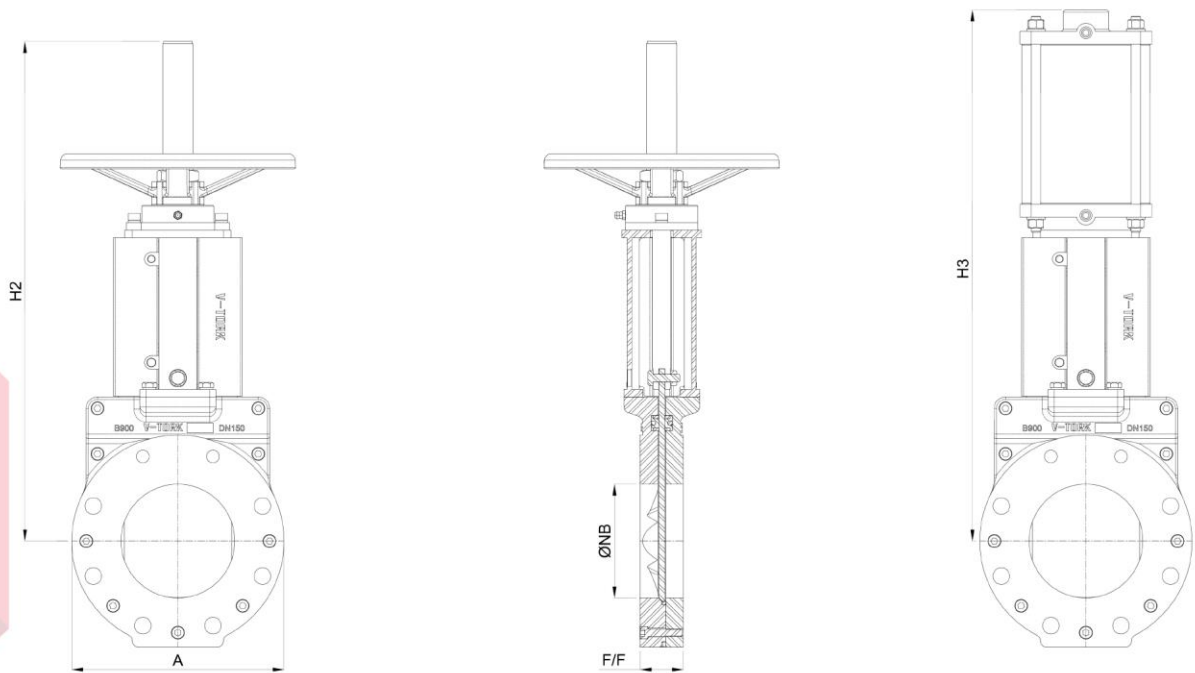


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DIMENSIONAL DETAILS



SIZE	NB	A	F/F	H2	H3
2"	50	150	51	380	520
3"	80	190	51	490	640
4"	100	230	51	560	740
6"	150	280	57	680	920
8"	200	345	70	820	1180
10"	250	405	70	930	1320
12"	300	485	76	1150	1580
14"	350	535	76	-	1750
16"	400	600	89	-	1960
18"	450	635	89	-	2120
20"	500	700	114	-	2310
24"	600	815	114	-	2640
28"	700	1035	178	-	3010
32"	800	1150	178	-	3440

* Note : Higher sizes on request



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MODE OF OPERATIONS



Manual Hand Wheel



Manual Chain Wheel



Manual Hand Lever



Manual Bevel Gear



Electrical Actuator



Hydraulic Actuator



Pneumatic Double
Acton Actuator



Pneumatic Failsafe &
Manual Override

BI - DIRECTIONAL KNIFE EDGE GATE VALVE

SIZE RANGE

2" to 24" (50 mm to 600 mm)
(Higher sizes on request)

PRESSURE RATING

2"- 24" - Class 150

FLOW DIRECTION

Can be mounted in both flow directions

UNIQUE DESIGN FEATURES

Replaceable gland packing while valve is under pressure.

Self flushing bore design.

Full port design to the pressure-drop across the valve.

Replaceable hardned wear ring (optional)

ACCESSORIES

Limit Switch, Solenoid Valve,
Positioner Air Filter Regulator etc.

APPLICATIONS

Mining, Minerals, Beneficiation Plant, Ash slurry, Cement Slurry, Coal washeries, Slag Granulation, Pellet plants, Lime Slurry, Phosphate, Alumina, Past Application, Sand Slurry etc.

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