

KNIFE GATE VALVE

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## SPECIFICATIONS

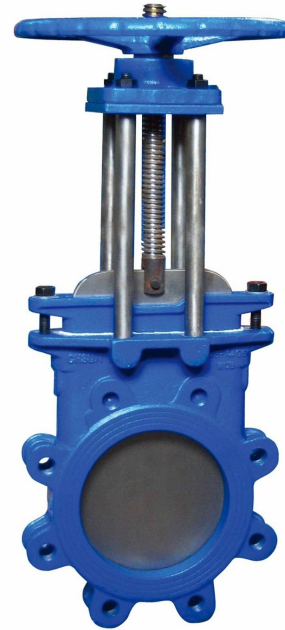
Size	<b>DN50–DN800</b>
Pressure	<b>PN10–PN16</b>
End connection	<b>wafer / flanged</b>
Media	<b>cement slurry, pulp, wood pulp, slag, cinder, slime, tailings, dust, fibre, chemically treated sewage, sedimentation tank media, asphalt, silo outlet media, fruit, grain, slaughterhouse wastewater, oil, water, steam</b>

## ACTUATION

- handwheel
- electric
- pneumatic

## APPLICATIONS

- coal preparation
- slag discharge
- urban sewage treatment
- food processing
- papermaking
- pharmaceutical
- petroleum
- chemical
- mining power plants



**MATERIALS**

body	<b>Carbon Steel, Stainless Steel</b>	stem	<b>Carbon Steel, Stainless Steel</b>
sealing	<b>Stainless Steel</b>	packing	<b>PTFE / Hard Alloy, PTFE, Graphite</b>
seat	<b>PTFE</b>		

**FEATURES**

- Low fluid resistance; sealing surface subject to minimal medium erosion
- Gate incorporates shear function to scrape sticky matter from sealing surfaces and remove debris
- Stainless steel gate prevents seal leakage caused by corrosion
- Flow direction not restricted; no pressure disturbance or reduction
- Short structural length
- Simple form
- Rising stem with exposed leadscrew
- Gear handwheel operator
- Twin stainless steel guide columns/tie rods
- Lug-type body (through-bolt holes around flange perimeter)
- Elastomer-lined seat visible in open bore