

KNIFE GATE VALVE

Knife Gate Valve

REF **EFC-287** ISSUED 05 Jun 2026

SPECIFICATIONS

Size	DN65–DN300
Pressure	1.0–4.0
End connection	wafer / lug
Temperature	null°C to 200°C
Media	slag water, slurry, pulp, powder, waste-water

ACTUATION

- manual handwheel
- pneumatic
- electric

STANDARDS

Design	DIN, ISO
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APPROVALS & CERTIFICATIONS

- LR (Lloyd's Register)
- ECM (Ente Certificazione Macchine)
- ISO
- EAC
- CE
- Bureau Veritas
- ACS (Attestation de Conformité Sanitaire)
- WRAS Approved Product



COATINGS & LINING

- corrosion-resistant coating

APPLICATIONS

- mining
- paper
- chemical processing
- sewage treatment

MATERIALS

body	Cast Iron	oring	Elastomer
sealing	Elastomer	disc	Stainless Steel
packing	PTFE	gland	Carbon Steel
nut bolt	Stainless Steel	pin	Stainless Steel
split pin	Stainless Steel	yoke	Carbon Steel
stem	Stainless Steel	yoke head	Carbon Steel
stem nut	Copper Alloy	bearing	Bearing Alloy
yoke head cap	Carbon Steel	handwheel	Cast Iron

FEATURES

- One-piece body construction
- Sharp-edged gate for cutting through thick or solid-laden media
- Stainless steel or alloy blade
- Unidirectional shut-off design minimises pressure loss
- Non-clogging structure
- Low operating torque
- Pressure-tested and inspected before shipment
- Available with handwheel operator (gearbox) actuator
- Available with pneumatic cylinder actuator
- Available with manual lever operator
- Lug-type body configuration
- Knife gate / slide gate design with full-bore through port
- Stainless steel gate/blade visible on larger bore versions
- Range of sizes visible from small bore (approx DN50) up to large bore (approx DN400+)

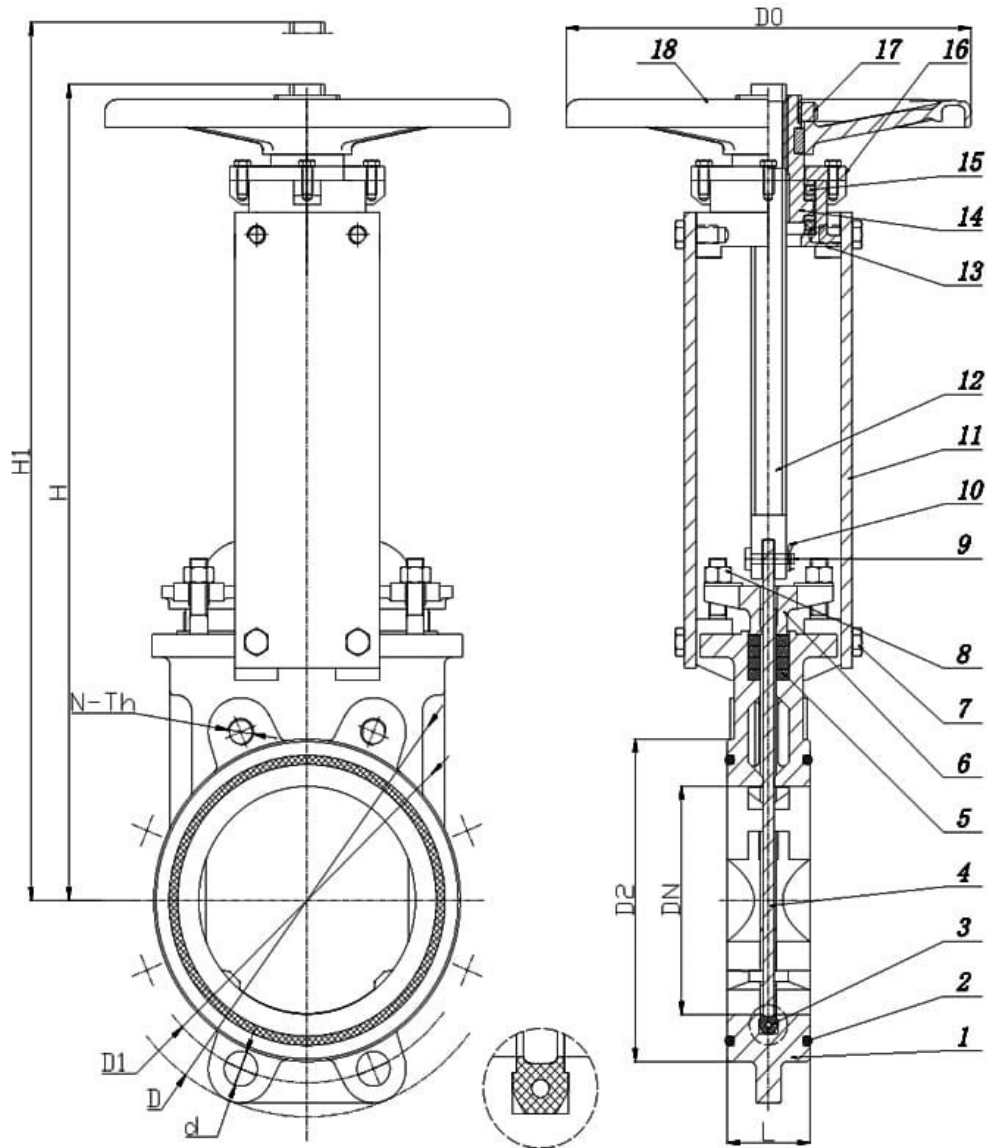
OPTIONS & NOTES

- Special size, color can be made according to customer's requirement.

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SECTION Technical drawing REF EFC-287



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SECTION Dimensions per size REF EFC-287

SIZE	L	D	D1	D2	D0	N-TH	D	H	H1
DN65	48	185	145	118	180	4-M16	Ø18	335	415
DN80	51	200	160	132	220	8-M16	Ø18	360	455
DN100	51	220	180	156	240	8-M16	Ø18	400	515
DN125	57	250	210	184	240	8-M16	Ø18	455	595
DN150	57	285	240	212	280	8-M20	Ø23	510	675
DN200	60	340	295	266	300	12-M20	Ø23	585	805
DN250	70	405	355	319	320	12-M24	Ø27	695	965
DN300	76	460	410	370	320	12-M24	Ø27	765	1085

All dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.