



AVK HEAVY DUTY KNIFE GATE VALVE, LONG, FLANGED, PN10

779/65-001

DI body, SS-304 blade, EPDM packing, EPDM seal, handwheel/gearbox

The AVK series 779/65 is a bi-directional, flanged, heavy duty knife gate valve, equipped with two metal reinforced rubber sleeves, designed for applications with abrasive slurries in industries such as pulp, mining, wastewater treatment, etc. The edge of the knife blade is machined to form a wedge that cuts perfectly through the fluid.

Product description:

Manually operated bi-directional knife gate valve for applications with abrasive slurries, pulp & paper, power plants, wastewater treatment plants, chemical plants, food & beverage, bulk handling, mining, etc. to max. 120°C, 6-10 bar

Design standards:

- Flange drilling to EN1092, PN10

Features:

- Heavy duty cast monoblock, larger sizes with reinforcing ribs providing the body with extra strength
- Stainless steel stem
- Internal body design allows the gate to be fully guided
- Grease nipples allow the gate to be lubricated
- Draining through the lower part where a cover or a bottom splash guard can be installed
- Rapid flow through the bottom of the valve during operation causes solids to be flushed from the body cavity ensuring the full stroke of the valve
- Knife blade of rectangular shaped stainless steel, polished on both sides and machined to an edge to cut perfectly through the fluid
- Valve seal consisting of two highly resistant, long-lasting EPDM sleeves in permanent contact with each other, ensuring full bore flow
- Easy replacement of damaged sleeves
- No seat cavities to cause material build-up and no fluid contact with metallic parts
- Bi-directional

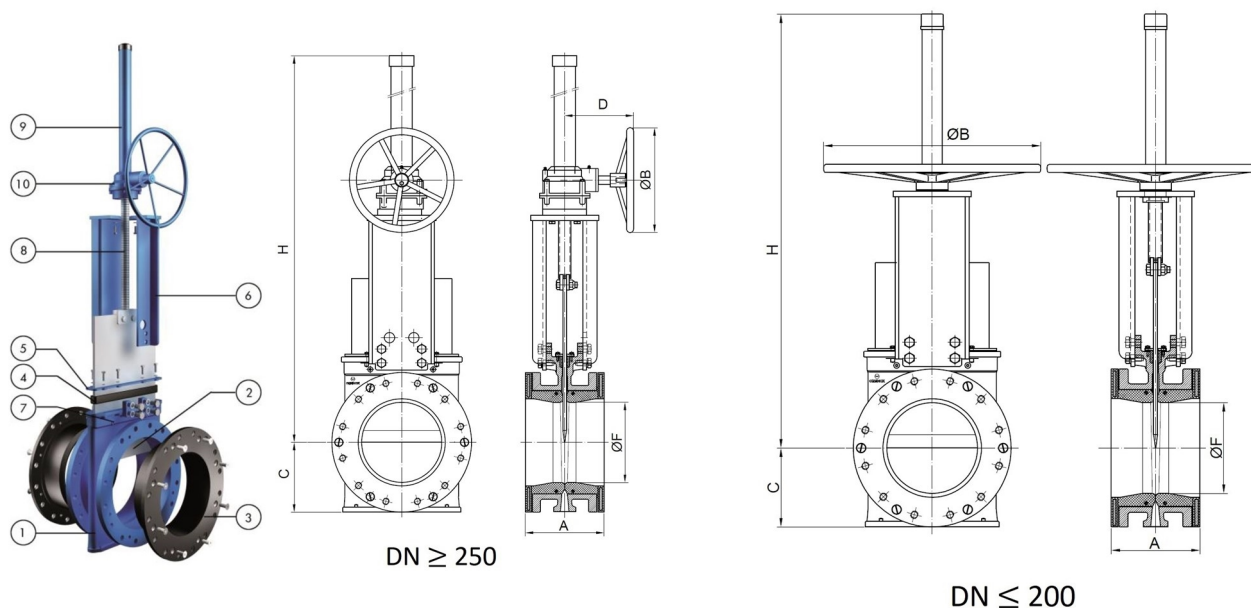
Accessories:

Open-closed lockout, Mechanical stops, Manual override actuators, Solenoid valves, Positioners, Limit switches, Proximity switches, Floor stand, Spindle extensions




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The designs, materials and specifications shown are subject to change without notice due to the continuous development of our product range.

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1. Body	Ductile Iron	6. Yoke	Steel S275JR
2. Gate	Stainless steel AISI 304	7. Grease nipple	Steel, zinc coated
3. Seal	EPDM rubber	8. Stem	Stainless steel
4. Packing	EPDM rubber	9. Protection cover	Steel S275JR
5. Gland follower	Steel S235JR	10. Gearbox	

Components may be substituted with equivalent or higher class materials without prior notification.

Reference nos. and dimensions:

Ref. No.	DN	Flange	Product	A	B	C	D	F	H	Theoretical
	mm	drilling	PN Class	mm	mm	mm	mm	mm	mm	weight/kg
779-0080-65-0000002	80	PN10/16	PN10	175	225	96	-	62	495	26
779-0100-65-0000002	100	PN10/16	PN10	175	310	115	-	85	645	33
779-0150-65-0000004	150	PN10/16	PN10	178	310	141	-	137	745	45
779-0200-65-0000005	200	PN10/16	PN10	184	410	173	200	175	945	70
779-0250-65-0000002	250	PN10	PN10	225	300	204	200	230	1060	117
779-0300-65-0000003	300	PN10	PN10	257	300	244	200	273	1460	180
779-0350-65-0000002	350	PN10	PN10	257	450	268	220	318	1530	242
779-0400-65-0000001	400	PN10	PN10	280	450	300	220	356	1640	292
779-0450-65-0000001	450	PN10	PN 6	311	450	320	220	378	1750	337