



AVK KNIFE GATE VALVE, WAFER TYPE, PN10

779/91-001

Cast iron body, SS-304 blade, PTFE packing, EPDM seal, handwheel/gearbox, uni-directional

The AVK series 779/91 is a uni-directional wafer type knife gate valve designed for general industrial service applications. The design of the body and seat assures non-clogging shutoff on suspended solids in industries such as pulp & paper, power plants, wastewater treatment plants, chemical plants, food & beverage, bulk handling, mining, etc.

Product description:

Manually operated uni-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, 5-10 bar

Design standards:

- Flange drilling to EN1092, PN10

Features:

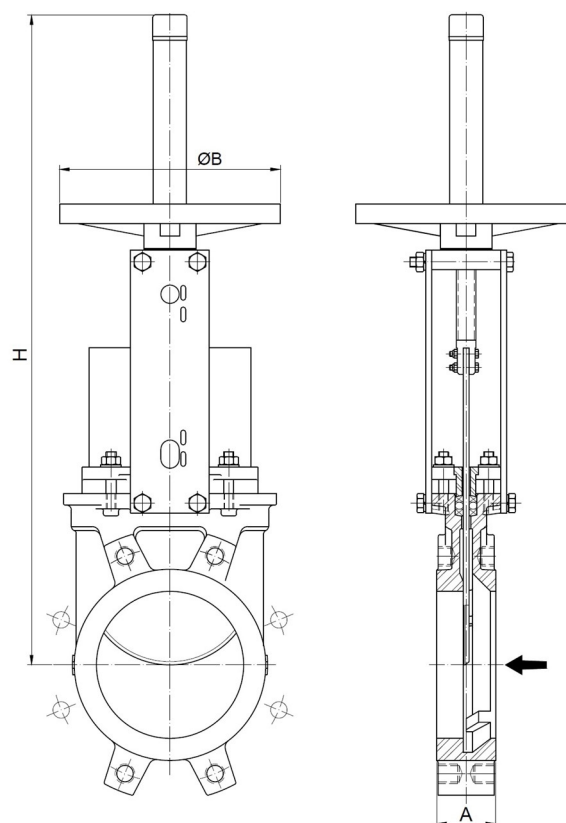
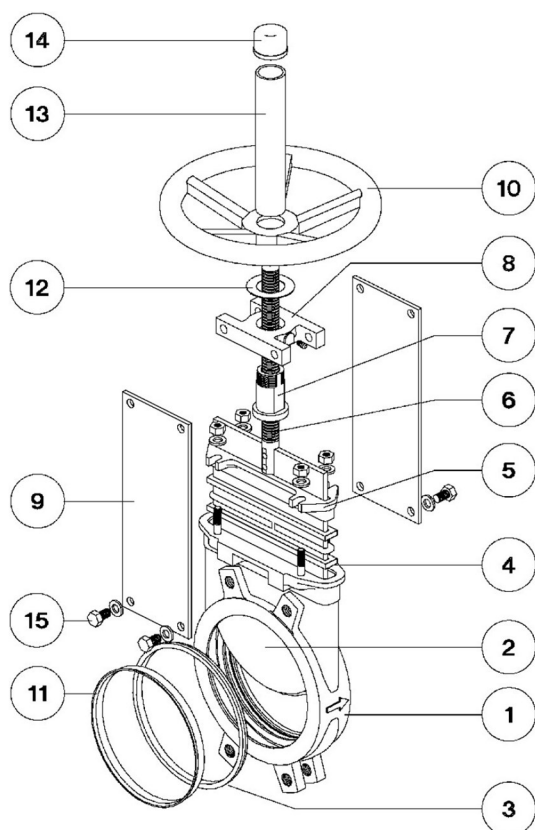
- Wafer style cast iron monoblock for high strength
- Stainless steel stem
- Rapid flow through the bottom of the valve during operation causes solids to be flushed from the body cavity ensuring the full stroke of the valve
- Knife blade of stainless steel, polished on both sides and machined to an edge to cut perfectly through the fluid
- Valve seal in highly resistant, long-lasting EPDM sleeves in permanent contact with each other, ensuring full bore flow
- No seat cavities to cause material build-up and no fluid contact with metallic parts

Accessories:

Actuator (pneumatic, electric or hydraulic), handwheel, gearbox




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of the **AVK** Group

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1. Body	Cast iron	8. Yoke ⁽²⁾	Steel
2. Gate	Stainless steel AISI 304	9. Support plate	Steel
3. Seal	EPDM rubber	10. Handwheel ⁽³⁾	Steel
4. Packing	PTFE	11. Seal retainer ring	Stainless steel AISI 304
5. Gland follower ⁽¹⁾	Aluminium	12. Thrust washer	Bronze
6. Stem	Stainless steel AISI 303	13. Protection cover	Steel
7. Stem nut	Bronze	14. Cap	Plastic

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

(1) - DN ≥ 350 ductile iron

(2) - DN ≥ 200 ductile iron

(3) - DN ≥ 350 cast iron

Reference nos. and dimensions:

Ref. No.	DN mm	Flange drilling	Product PN Class	A mm	B mm	H mm	Theoretical weight/kg
779-0050-91-0000001	50	PN10	PN10	40	200	429	7.0
779-0080-91-0000001	80	PN10	PN10	50	200	481	9.0
779-0100-91-0000001	100	PN10	PN10	50	200	522	11
779-0125-91-0000001	125	PN10	PN10	50	250	606	15
779-0150-91-0000001	150	PN10	PN10	60	250	657	18
779-0200-91-0000001	200	PN10	PN10	60	300	830	30
779-0250-91-0000001	250	PN10	PN10	70	300	1030	44
779-0350-91-0000001	350	PN10	PN 6	96	410	1341	96
779-0400-91-0000001	400	PN10	PN 6	100	410	1445	124
779-0450-91-0000001	450	PN10	PN 5	106	550	1610	168

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