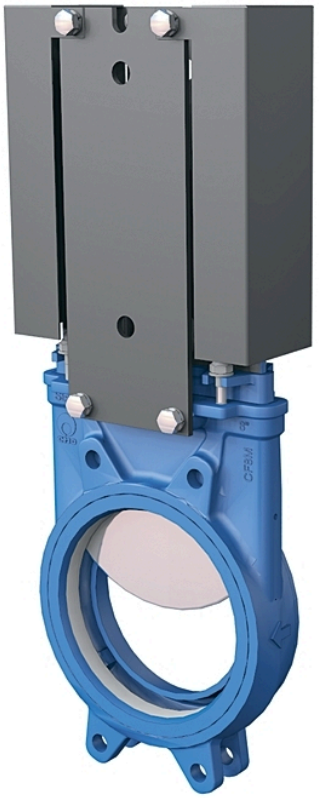
Knife Gate Valve AT 2205-



Product information

Shut-off valve for media with high fiber content or solid particles. With rising or non-rising spindle.

Dimension range (DN)	50 - 1200
PN	6 - 10
Temperature (°C)	0 - 120
Main material	Stainless steel

Area of use

Shut-off valve for media with high fiber content or solid particles.
- Pulp
- Pellets
- Sludge
- Recycled paper
- Powder
- Slurry
- Backwater
- Wastewater

Tender text

PSB.3 Sliding gate valves

Quality assurance

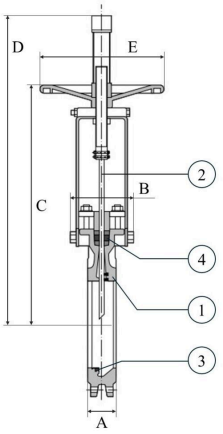
AFS 2023:5, 8 paragraf, PED 2014/68/EU art 4.3
The product is CE marked
Product marking: Brand, DN, PN, material, flow direction, and seat marking.

Energy and environment declaration

Subject to notification under REACH: No
Reach date: 12/06/2026
Reach note: The product is not covered by REACH

List of details

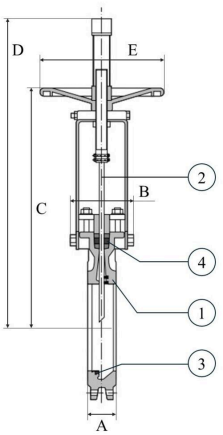
Pos	Component	Material
1	Body	Stainless steel GX5CrNi19-10 (1.4308)
2	Gate	Acid resistant stainless steel AISI 316 (1.4401)
3	Seat	EPDM (ethylene propylene diene monomer rubber)
4	Packing	PTFE (polytetrafluoroethylene)



Measurements and weight

Dimension range (DN): 50 - 1200

DN	80	100	150	200	250	350	400
A	50	50	60	60	70	70	100
B	92	92	102	119	119	119	290
C	333	373	458	578	679	679	1012
D	469	502	644	815	1016	1016	1442
E	225	225	225	325	325	325	450
Net weight (kg)	9	11	17	28	40	40	116



Function and design

Shut-off valve with handwheel, rising spindle. Full bore provides low pressure drop and minimizes the risk of clogging. Homogeneously cast valve body eliminates leakage to the atmosphere and prevents skewing of the damper. Tight packing box through gland design with PTFE-impregnated braid and extra O-ring. In-house cast guide blocks increase the blade's pressure against the soft seal when closed. Replaceable soft seal and packing box seal.

Technical data

Main material: Stainless steel
Main material code: Stainless steel GX5CrNi19-10 (1.4308)
Included materials: Stainless steel, Rubber, Other
Included material code: Stainless steel GX5CrNi19-10 (1.4308), Acid resistant stainless steel AISI 316 (1.4401), EPDM (ethylene propylene diene monomer rubber), PTFE (polytetrafluoroethylene)
Temperature (°C): 0 - 120
PN: 6 - 10
Connection: Flanged EN1092
ETIM classification: EC011462 - Knife gate valve
BK04 code: 20709 Slide damper valves
Product colour: RAL 5015 - Sky blue

DN	80	100	150	200	250	350	400
KVS	496	910	2110	3845	5400	10790	14180

Installation and maintenance

Flowdirection: Uni-directional
Possible mounting position: Vertical
"Mounted between flanges."

The company's management system
is certified by DNV
ISO 9001 • ISO 14001

Get into the flow

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