

# Knife Gate Valve

## AT 2202-



# 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	Cast iron

## 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.

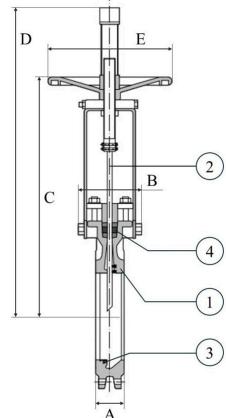
## Energy and environment declaration

**Reach date:** 12/3/2024 1:00:07 PM

**Reach note:** The product is not covered by REACH

## List of details

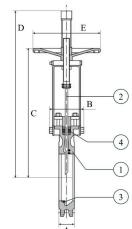
Pos	Component	Material
1	Body	Cast iron GJL-250 (GG25)
2	Gate	Acid resistant stainless steel AISI 316 (1.4401)
3	Seat	NBR (nitrile butadiene rubber)
4	Packing	PTFE (polytetrafluoroethylene)



## Measurements and weight

Dimension range (DN): 50 - 1200

DN	65	80	100	125	150	200	250	300	350	400
A	40	50	50	50	60	60	70	70	96	100
B	92	92	92	102	102	119	119	119	290	290
C	307	333	373	406	458	578	679	779	906	1012
D	436	469	502	585	644	815	1016	1116	1336	1442
E	225	225	225	225	225	325	325	380	450	450
Net weight (kg)	8	9	11	13	17	28	40	56	94	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:** Cast iron

**Main material code:** Cast iron GJL-250 (GG25)

**Included materials:** Cast iron, Stainless steel, Rubber, Other

**Included material code:** Acid resistant stainless steel AISI 316 (1.4401), Cast iron GJL-250 (GG25), NBR (nitrile butadiene 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	65	80	100	125	150	200	250	300	350	400
KVS	311	496	910	1620	2110	3845	5400	8150	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

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