

Knife gate valve for underground instalations
interflange

PN2,5
PN6
PN10

SEWAGE



Knife gate valve DN200



Product description (standard execution):

- Bidirectional tightness
- Knife circumferential seal profile with steel insert
- Knife cleaning scrapers
- Ductile cast iron monolithic body EN-GJS 400-15
- Stainless steel 1.4021 spindle with rolled thread
- Low friction spindle bearing by plastic and brass plain washers
- Total protection against outside dirt penetration
- Gland sealing – o-ring NBR and non-asbestos cord
- Wedge nut made of forged brass
- Epoxy coating minimum 250 microns according to EN ISO 12944-5
- Stainless steel bolts and washers
- Product according to EN 1074-1 and 2; EN 1171
- Flange connection according to EN 1092-2 (DIN 2501) pressure PS2,5; PS6; PS10
- Face to face according to producer documentation
- Product marking according to EN 19; EN 1074

Application:

Water and sewage networks and tanks; pulverized products, transport of non aggressive liquids.
Working conditions:
temp. up +70°C
pressure up to 1,0 MPa

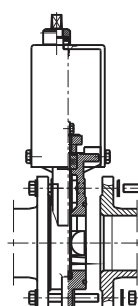
Execution variant:

With non-rising and rising spindle and intersecting axis gear
With deflector
With electric actuators - see: 2906

Test control:

Hydraulic test according to EN 1074-1; EN 1074-2; EN 12266-1
Seat: 1,1 xPN
Body: 1,5 x PN
Operation torque test.

Installation:



Recommended

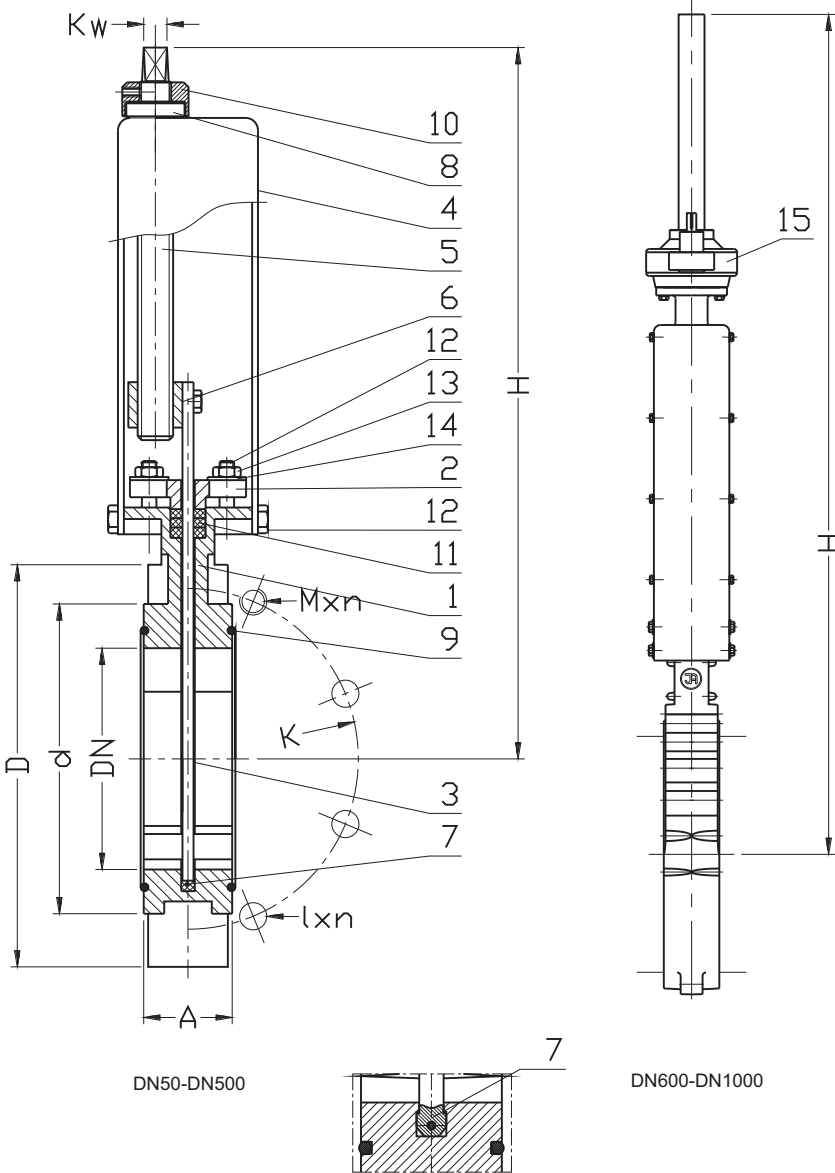


Acceptable



Non acceptable





No.	Part	Standard execution
1	Body	Ductile cast iron EN-GJS-400-15 EN 1563
2	Clamping plate	Ductile cast iron EN-GJS-400-15 EN 1563
3	Knife	Stainless steel 1.4301 EN 10088-1
4	Pillar	Steel 1.0038 EN 10025-2
5	Spindle	Stainless steel 1.4021 EN 10088-1
6	Spindle nut	Brass EN 1982
7	Gasket	Rubber NBR EN ISO 1629
8	Sliding bushing	Poly amide EN 1871-1 Brass EN 1982
9	Seal o-ring	Rubber NBR EN ISO 1629
10	Cover sleeve	Stainless steel 1.4021 EN 10088-1
11	Gland seal	PACKAGE; Rubber NBR, EN ISO 1629 + non-asbestos cord
12	Screw	Stainless steel A2 EN ISO 4014
13	Nut	Stainless steel A4 EN ISO 4032
14	Washer	Stainless steel A2 EN ISO 7091
15	Gearbox	Producer catalogue

- other material variants on special request

Standard: DN50 to DN500 - non-rising spindle
DN600 to DN1000 - rising spindle + gearbox

DN	PN	PS	K	D	d	Kw	l x n	M x n	A		H	Turns for full open	Weight
									by drawing	row 20			
[mm]	[bar]												[kg]
50	10	16	125	165	99	12	-	M16x4	48	-	281	14	10
65			145	185	118	12	-	M16x2	52	-	315	18	12
80			160	200	132	14	Ø19x6	M16x2	52	52	333	22	13
100			180	220	156	14	Ø19x6	M20x2	56	56	363	27	16
125			210	250	184	14	Ø19x6	M20x2	56	56	420	33	22
150			240	285	212	17	Ø23x6	M20x4	70	-	487	32	27
200			295	340	266	17	Ø23x6	M20x4	70	-	568	4	47
250			350	395	319	17	Ø23x8	M20x4	70	-	674	52	60
300			400	445	370	19	Ø23x8	M20x6	76	-	780	62	74
350			460	505	430	19	Ø23x10	M20x6	76	-	840	72	90
400	10	6	515	565	480	24	Ø28x10	M24x6	86	-	980	68	106
500			620	670	582	27	Ø28x12	M24x8	114	-	1300(1820)	85	252
600			725	780	682	27	Ø31x12	M27x8	114	-	1480(2130)	102	300
700			840	910	794	-	Ø31x14	M27x10	-	165	2495	118	569
800			950	1015	901	-	Ø34x14	M30x10	-	190	2850	116	696
900			1050	1115	1001	-	Ø34x16	M30x12	-	203	3160	115	868
1000			1160	1230	1112	-	Ø37x16	M33x12	-	216	3428	127	1175

We reserve the rights to modify the production program and the given data without separate notices due to the permanent company development.