

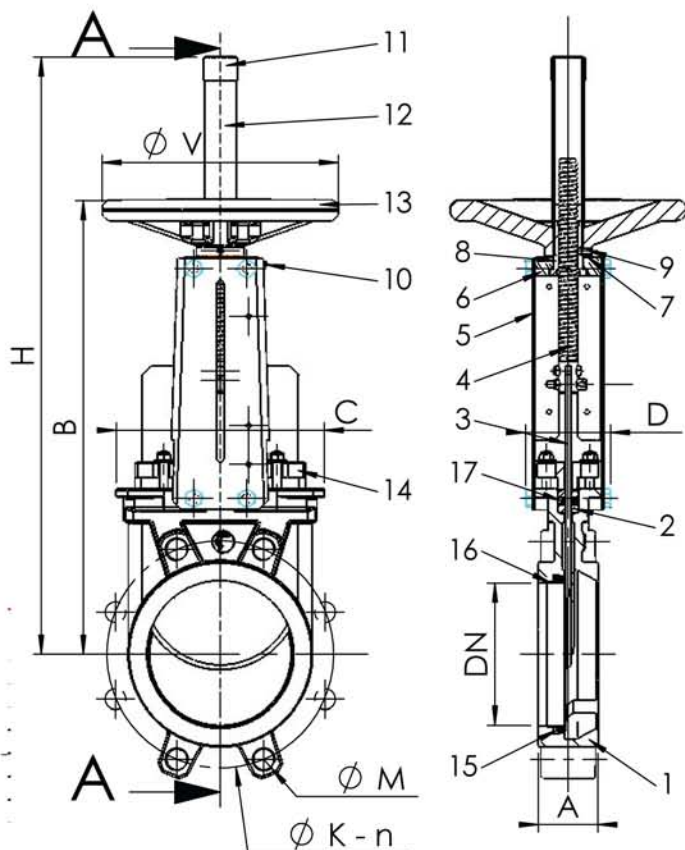
PA 305

Skjutspjäll
i gjutjärn
Handratt
DN50-600 PN10

Knife gate valve
in cast iron
Handwheel
DN50-600 PN10



PA Ventiler AB



Standard
tightness



Tightness
metal/metal

DIMENSIONS

DN		A	B	C	D	ØV	H	ØK	n	ØM	Weight (kg)
mm	inch										
50	2"	40	283	124	83	200	348	125	4	4 x M16	7,5
65	2 1/2"	40	308	139	83	200	388	145	4	4 x M16	9,0
80	3"	50	333	154	83	200	413	160	8	4 x M16	10,0
100	4"	50	378	174	83	200	488	180	8	4 x M16	11,5
125	5"	50	423	189	93	250	564	210	8	4 x M16	15,5
150	6"	60	474	220	93	250	635	240	8	4 x M20	18,5
200	8"	60	593	275	108	310	809	295	8	4 x M20	35,0
250	10"	70	685	326	108	310	946	350	12	8 x M20	47,0
300	12"	70	792	380	108	310	1118	400	12	8 x M20	61,0
350	14"	96	900	438	290	500	1282	460	16	10 x M20	117
400	16"	100	978	494	290	500	1441	515	16	10 x M24	151
450	18"	106	1105	547	290	500	1587	565	20	14 x M24	187
500	20"	110	1215	613	290	500	1809	620	20	14 x M24	205
600	24"	110	1418	716	290	500	2060	725	20	14 x M27	292

WORKING CONDITIONS

Maximum working pressure :

DN 50-250 : 10 bar.
DN 300-450 : 7 bar.
DN 500-600 : 4 bar.

Maximum temperature :

-10°C / + 80°C (Standard tightness)
-10°C / +200°C (Metal-metal tightness)

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CONSTRUCTION

Rep. Pos.	Nb. Qty.	Désignation	Description	Matière	Material	Remarque	Remark
17	1	Joint torique / O-Ring		Nitrile / Nitril			
16**	1	Frette / Support ring		Inox 316 / Stainless steel 316			
15**	1	Joint d'étanchéité / Gasket		Nitrile / Nitril			
14	1	Fouloir de presse étoupe / Packing gland		Aluminium (DN 50-450) Acier / Steel (DN 500-600)			
13	1	Volant / Handwheel		Fonte / Cast iron EN-GJL-250 (NF EN 1561)			
12	1	Tube de protection / Protection tube		Acier / Steel			
11	1	Bouchon / Cap		Plastique / Plastic			
10	1	Graisseur / Greaser		Inox / Stainless steel			
9	1	Vis d'arrêt / Stop screw		Inox / Stainless steel			
8	1	Ecrou / Nut		Bronze / Bronze			
7	1	Rondelle d'appui / Friction washer		Bronze / Bronze			
6	1	Potence / Nut support		Acier zingué / Zinc steel			
5*	2	Plaque support / Support plate		Acier + époxy / Steel + epoxy	RAL 6005		
4	1	Vis de manoeuvre / Stem		Inox / Stainless steel 13%Cr			
3	1	Pelle / Gate		Inox / Stainless steel X5CrNi 18-10			
2	2	Garniture PE / Packing		Coton soufflé / Tallowed cotton			
1	1	Corps / Body		Fonte / Cast iron EN-GJL-250 (NF EN 1561)	RAL 6005		



Standard
tightness



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APPLICATION

General use : Pulp production, water, water treatment, waste water, chemical industry (powdery or crystallizing products), wine-producing, pulverized products (cement work, pneumatic transport, stocking).

GENERAL CHARACTERISTICS

Range : from DN 50 to DN 600.

Function ON/OFF or regulation.

Wafer threaded mounting ISO PN10.

Unidirectional tightness, direction indication thanks to the arrow on the body.

Small retention zone: the gate is guided in the body and has little clearance.

Gland assembly: packing and O-ring (same materials as seat joint) to assure the elasticity and decrease the operating torque.

Small head loss. Possibility to regulate thick fluids with the adaptation of a diaphragm ring.

STANDARDS

Manufacture according to the requirements of the European directive 97/23/CE «Equipments under pressure» : fluids category III modulate H.

On request : Product in accordance to european directive "Potentially explosive atmospheres" N° 94/9/EC :

ATEX II 2 GD c and ATEX II 3 GD c.

Test procedures are established according to standards EN 12266-1, DIN 3230, BS 5154 and ISO 5208.

Connections between flanges according to standard EN 1092-2 and DIN 2501 ISO PN10.