

KNIFE GATE VALVE CAST IRON VG3400-00 RISING STEM DIN PN 10

Материал cast iron EN-JL1040

Налягане PN 10

Размер DN 50 - 600

DESCRIPTIONS

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.

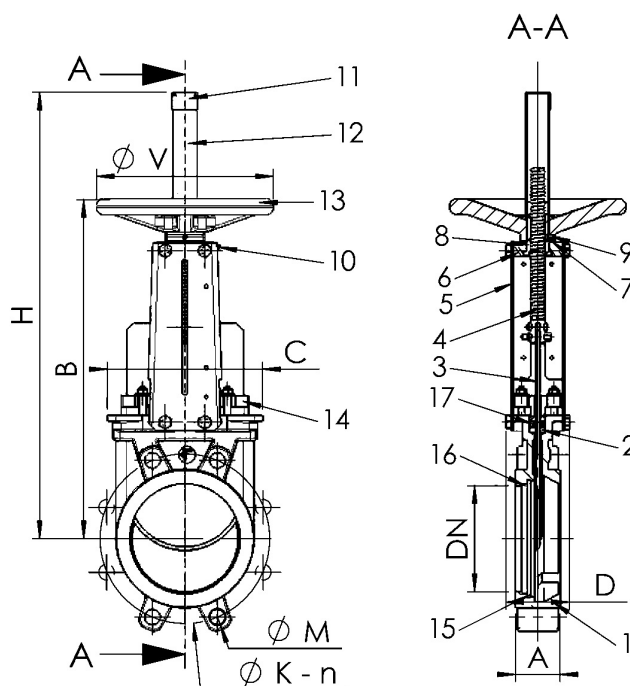
Gland assembly: packing and O-ring (same materials as seat joint) to assure the elasticity and decrease the operating torque. Small head loss. Possibility to regulate thick fluids with the adaptation of a diaphragm ring.

MEDIA

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

OPTIONS

Others materials on request (If marked) Maximum temperature



Standard tightness



Tightness metal/metal

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No.	Parts	Material
17	O-Ring	Nitril
16**	Support ring	Stainless steel 316
15**	Gasket	Nitril
14	Packing gland	Aluminium (DN 50-450) Steel (DN 500-600)
13	Handwheel	Cast iron EN-GJL-250
12	Protection tube	Steel
11	Cap	Plastic
10	Greaser	Stainless steel
9	Stop screw	Stainless steel
8	Nut	Bronze
7	Friction washer	Bronze
6	Nut support	Zinc steel
5*	Support plate	Steel + epoxy
4	Stem	Stainless steel 13%Cr
3	Gate	Stainless steel X5CrNi 18-10
2	Packing	PTFE
1	Body	Cast iron EN-GJL-250
* Pre-shaped parts up to DN 300.		
** Missing parts on metal / metal tightness.		

Specifications	
Building standards:	2014/68/UE : modulate H.
ATEX:	ATEX II 2 GD c and ATEX II 3 GD c.
Tests:	EN 12266-1"
Execution:	Straight
Connection type:	Between flanges EN1092-2 / PN10
Operation:	Handwheel
Actuation:	Multiturn
Maximum temperature °C:	-10°C / + 80°C
Optional materials on request:	
Metal / metal	T max -10°C / +80°C.

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Specifications	
White NBR	T max -10°C / +80°C.
EPDM	T max -10°C / + 130°C.
Silicone	T max -10°C / + 170°C.
FPM (Type Viton)	T max -10°C / + 170°C.
PTFE***	T max +4°C / + 170°C.
CSM (Type Hypalon)	T max +4°C / +80°C.

Dn		A	B	C	D	ø v	H	ø k	N	ø m	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 M 20	117
400	16"	100	978	494	290	500	1441	515	16	10 x M 24	151
450	18"	106	1105	547	290	500	1587	565	20	14 x M 24	187
500	20"	110	1215	613	290	500	1809	620	20	14 x M 24	205
600	24"	110	1418	716	290	500	2060	725	20	14 x M 27	292