

KNIFE GATE VALVE CAST IRON VG3400-001 NON-RISING STEM DIN PN 10

Материал cast iron EN-JL1040

Налягане PN 10

Размер DN 50 - 600

DESCRIPTIONS

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 material as seat joint) to assure the elasticity and decrease the operating torque.

Small head loss.

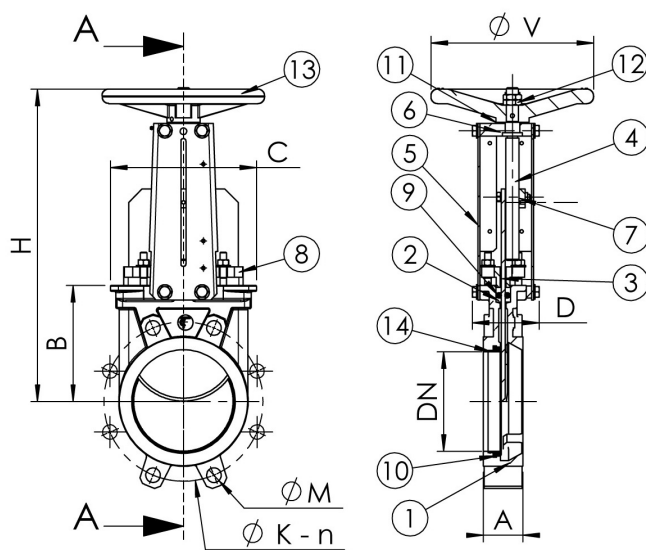
Possibility to regulate thick fluids the adaptation of a diaphragm ring.

MEDIA

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.	Materials	
14**	Stainless steel 316	
13	Cast iron DIN GG 25	
12	Stainless steel	
11	Bronze RG50	
10**	Nitril	
9	Nitril	
8.1	Alum. DN50-450	
8.2	Steel DN500-600	
7	Bronze RG5	
6	Zinc steel	
5*	Steel + epoxy	
4	Stainless steel	
3	Stainless steel ASTM AISI 304 BS	
2	PTFE	
1	Cast Iron EN-GJL-250	
Others materials on request (If marked), Maximum temperature		
Metal / metal	T max	-10°C / +80°C.
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.
*** Minimum working pressure : 1 bar		

Building standards:	European directive 2014/68/ue
Atex:	ATEX II 2 GD c and ATEX II 3 GD c.
Execution:	Straight
Connection type:	Between flanges EN1092-2 PN10
Operation:	Handwheel
Actuation:	Multiturn

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Building standards:	European directive 2014/68/ue
Test:	EN 12266-1, DIN 3230
Maximum Work temp °C	-10°C - 80 °C
Maximum working pressure:	
DN 50-250	10 bar
DN 300-450	7 bar
DN 500-600	4 bar

Dn		A	B	C	D	ø v	H	ø k	N	ø m	Weight (kg)
mm	inch										
50	2"	40	105	124	94	200	291	125	4	4-M16	7,5
65	2"1/2	40	115	139	94	200	318	145	4	4-M16	8,8
80	3"	50	124	154	94	200	342	160	8	4-M16	9,4
100	4"	50	140	174	94	200	383	180	8	4-M16	11,5
125	5"	50	150	189	100	250	420	210	8	4-M16	15,4
150	6"	60	175	220	101	250	471	240	8	4-M20	18,5
200	8"	60	205	275	124	310	577	295	8	4-M20	34,8
250	10"	70	250	326	126	310	677	350	12	8-M20	47,0
300	12"	70	300	380	128	310	777	400	12	8-M20	61,0
350	14"	96	339	438	290	500	939	460	16	10-M20	117,0
400	16"	100	392	494	290	500	1037	515	16	10-M24	151,0
450	18"	106	434	547	290	500	1125	565	20	14-M24	187,0
500	20"	110	487	613	290	500	1237	620	20	14-M24	205,0
600	24"	110	592	716	290	500	1432	725	20	14-M27	292,0