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Rev. : B

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KNIFE GATE VALVE WITH HANDWHEEL

VG 6400-02



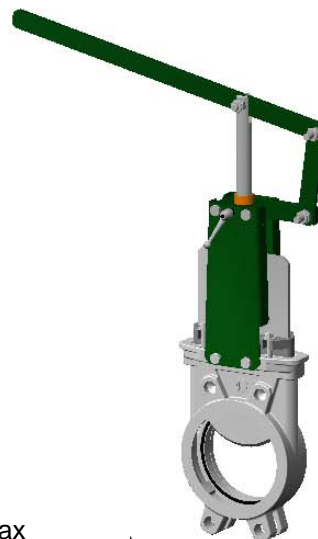
ROBINETTERIE INDUSTRIELLE ET ACCESSOIRES
INDUSTRIAL VALVES AND ACCESSORIES

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).

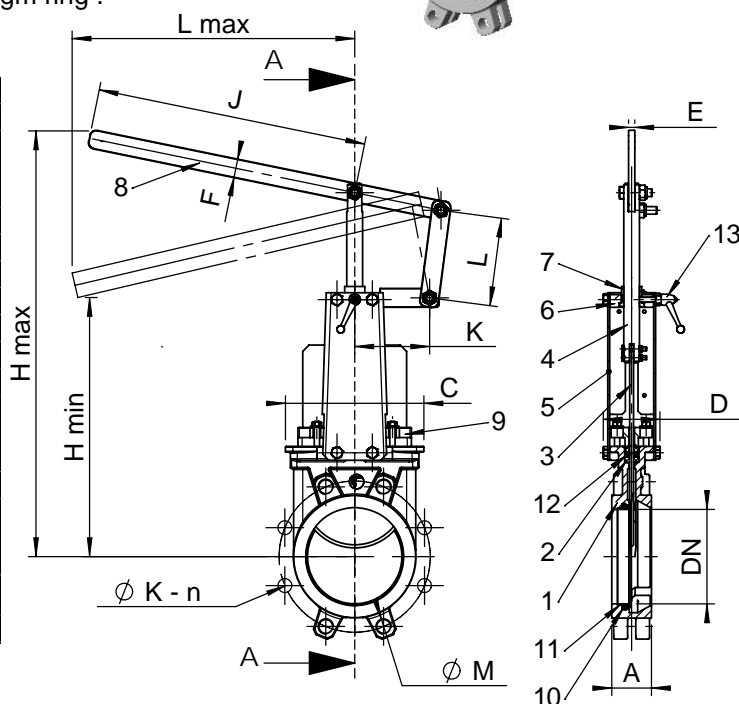
GENERAL CHARACTERISTICS

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



CONSTRUCTION

13	1	Locked screw	Painted Steel	
12	1	O-ring	EPDM	
11**	1	Support ring	Stainless steel 316	DIN : X5CrNiMo18 10 ASTM : A 182 AIS 3 16 BS : 316 S16
10**	1	Gasket	EPDM	
9	1	Packing gland	Stainless steel	
8	1	Lever	Steel	
7	1	Guiding ring	Bronze	
6	1	Nut support	Zinc steel	
5*	2	Support plate	Steel + epoxy	
4	1	Stem	Stainless steel 13%Cr	
3	1	Knife gate	Stainless steel X5CrMo 17-12-2	DIN : X5CrNi 18-10 ASTM : AISI 304 BS : 304 S15
2	2	Packing	PTFE	
1	1	Body	Stainless steel GX5CrNiMo 19-11-2	DIN : G-X6CrNiMo18 10 ASTM : A 351 Grade CF8M BS : 316 C16
Pos.	Qty.	Description	Material	



DIMENSIONS

* Pre-shaped parts up to DN300.
** Missing parts on metal-metal tightness.

DN		A	B	C	D	E	F	H min	H max	L max	I	J	K	L	ØK	n	Ø M	Weight (kg)
mm	inch																	
50	2"	40	240	124	83	10	30	98	321	326	140	330	119	140	125	4	4-M16	7,5
65	2 1/2"	40	265	139	83	10	30	153	418	330	140	330	119	140	145	4	4-M16	7,8
80	3"	50	290	154	83	10	30	97	439	330	140	330	119	140	160	8	4-M16	8,4
100	4"	50	335	174	83	10	30	339	715	550	140	430	119	140	180	8	4-M16	11,5
125	5"	50	373	189	93	10	30	170	747	380	140	430	119	140	210	8	4-M16	14,4
150	6"	60	424	220	93	10	30	305	792	465	140	430	119	140	240	8	4-M20	18,5
200	8"	60	533	275	108	12	40	589	1202	809	228	638	173	255	295	8	4-M20	28,8
250	10"	70	625	326	108	12	40	538	1273	711	228	638	173	255	350	12	8-M20	41,0
300	12"	70	732	380	108	12	40	458	1350	702	228	638	173	255	400	12	8-M20	58,0

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ISO 9001 : 2000

Certifié par



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WORKING CONDITIONS

Maximum working pressure : DN 50-250 : 10 bar
DN 300 : 7 bar

Maxi temperature : -20°C / +130°C (standard tightness).

Others materials on request (If marked)	Maximum temperature	
Metal / metal	T max : -10°C / +200°C.	<input type="checkbox"/>
NBR	T max : -10°C / +80°C.	<input type="checkbox"/>
White EPDM	T max : -20°C / +130°C.	<input type="checkbox"/>
Silicone	T max : -20°C / +170°C.	<input type="checkbox"/>
FPM (Type Viton®)	T max : -10°C / +170°C.	<input type="checkbox"/>
PTFE	T max : +4°C / +170°C.	<input type="checkbox"/>
CSM (Type Hypalon®)	T max : +4°C / +80°C.	<input type="checkbox"/>



Standard tightness



Tightness metal/metal

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 standard EN 12266-1, DIN 3230, BS 5154 and ISO 5208

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