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# KNIFE GATE VALVE WITH LEVER

## VG 3400-02



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



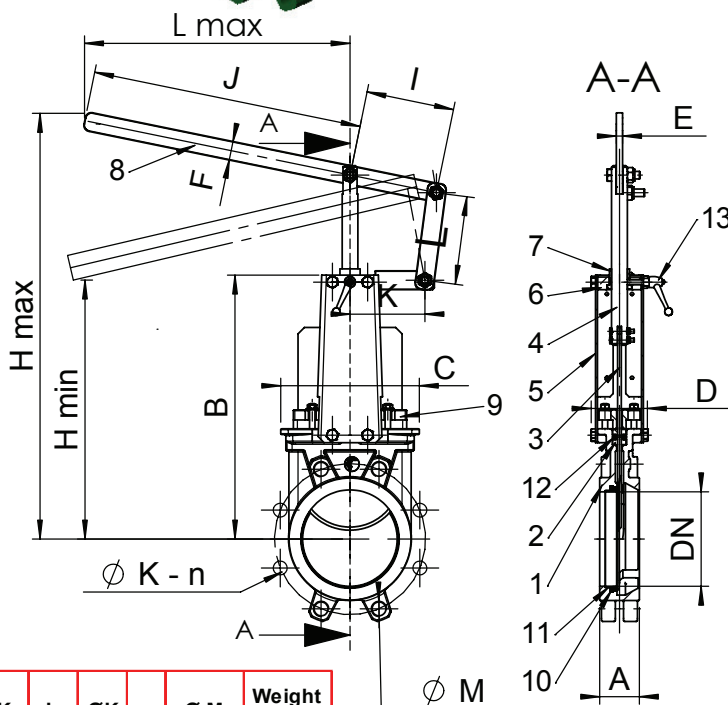
Standard tightness



Tightness metal/metal

### CONSTRUCTION

13	1	Locked screw	Coated steel	
12	1	O-ring	Nitril	
11	1	Support ring	Stainless steel 316	DIN : X5CrNiMo18 10 ASTM : A 182 AIS 3 16 BS : 316 S16
10	1	Gasket	Nitril	
9	1	Packing gland	Aluminium	
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	X5CrNi 18-10	DIN : X5CrNi 18-10 ASTM : AISI 304 BS : 304 S15
2	2	Packing	Tallowed cotton	
1	1	Body	EN-GJL-250	DIN : GG 25 ASTM : A48 class 40B BS : 1452 Grade 250
<b>Pos.</b>	<b>Qty.</b>	<b>Description</b>	<b>Material</b>	



### DIMENSIONS

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	8
65	2 1/2"	40	265	139	83	10	30	153	418	330	140	330	119	140	145	4	4-M16	9
80	3"	50	290	154	83	10	30	97	439	330	140	330	119	140	160	8	4-M16	10
100	4"	50	335	174	83	10	30	339	715	550	140	430	119	140	180	8	4-M16	12
125	5"	50	373	189	93	10	30	170	747	380	140	430	119	140	210	8	4-M16	16
150	6"	60	424	220	93	10	30	305	792	465	140	430	119	140	240	8	4-M20	21
200	8"	60	533	275	108	12	40	589	1202	809	228	638	173	255	295	8	4-M20	32
250	10"	70	625	326	108	12	40	538	1273	711	228	638	173	255	350	12	8-M20	46
300	12"	70	732	380	108	12	40	458	1350	702	228	638	173	255	400	12	8-M20	60

### WORKING CONDITIONS

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

Maximum temperature : -10°C / +80°C

### STANDARDS

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

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.

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