

KNIFE GATE VALVE CAST IRON VG3400-00 RISING SPINDLE DIN PN 10-16

Material cast iron EN-JL1040; DIN GG25
Pressure PN 10-16

TECHNICAL DESCRIPTION

Range: from DN 50 to DN 600.
ON / OFF function or regulation.
Threaded mounting between PN10 flanges.
One-way tightening, clockwise.
The wedge is guided in the body with a small clearance.

Packing: Packing and O-ring to provide elasticity and reduce operating torque.

Regulation: Ability to regulate high density fluids.

Seal: Diaphragm ring.

WORKING FLUID / MEDIUM

They are used in installations for the transfer of thick technological slurries, water, water processing, sewage, the chemical industry, wine production and for the transfer of dry mixtures.

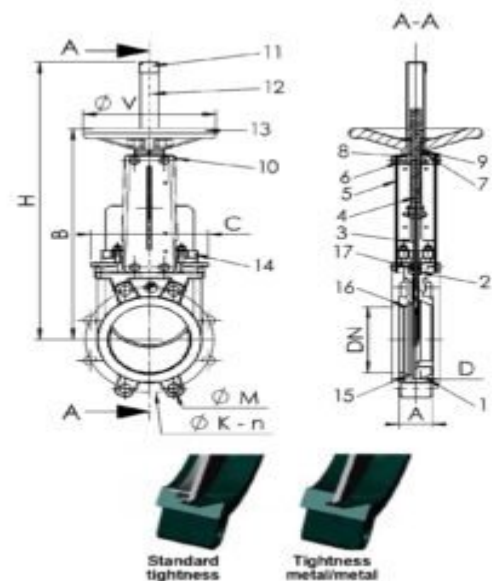
OPTIONS

Different body and disc materials on request:

EXECUTION

- Seal: metal / metal
- Seal: metal / rubber (soft sealing)

Dimensions: DN 50 - 600



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No.	DETAILS	MATERIALS
17	O-ring	NBR rubber
16	Thrust ring	stainless steel 316
15	Gasket	NBR rubber
14	Oil seal	aluminum (DN 50-450), stom. (DN 500-600)
13	Flywheel	grey cast iron EN-GJL-250
12	Protective tube	steel
11	Cap	plastic
10	Grease gun	stainless steel
9	Set screw	stainless steel
8	Nut	bronze
7	Friction washer	bronze
6	Nut	galvanized steel
5	Plank	steel + epoxy coating
4	Spindle	stainless steel 13%Cr
3	Wedge	stainless steel X5CrNi 18-10
2	Packing seal	Teflon PTFE
1	Body	grey cast iron EN-GJL-250

SPECIFICATION	
Construction standard:	2014/68/EU: module H.
ATEX:	ATEX II 2 GD c and ATEX II 3 GD c.
Tests:	EN 12266-1
Execution:	straight
Connection:	between flanges EN 1092-2 / PN10
Actuation:	manually
Drive:	multi-turn
Operating temperature: °C:	-10°C / + 80°C

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DN		A	B	C	D	Ø V	H	Ø K	n	Ø M	Weight (kg)
mm	inches										
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