

figure	121
ends form	wafer type straight

ZETKAMA

BIDIRECTIONAL WAFER KNIFE GATE VALVE zGAT



body material	nominal pressure	nominal diameter	max. temperature
A grey cast iron	B 10 bar	DN 50-600*	90°C

*** DN 350-600 on client's request**

FEATURES

- one-piece cast body with guides to support gate and seat wedges
- provides high flow rates with low pressure drop
- various seat and packing materials available
- available with different control options
- full flow, no dead zaones

APPLICATION

- liquids contain a maximum of 5% suspended solids installations
- dry solids installations
- installations with concentration of loose sludge not higher than 35%
- pulp industry

Data given can be changed without notice. **Edition 06/2016**

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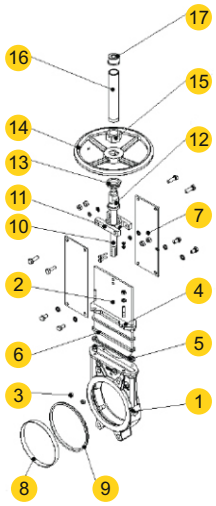
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MATERIALS



	body material	A
	type	06
1	body	EN- GJL- 250 5.1301 (ex. JL1040)
2	gate	X5CrNi18-10
3	guide	Polietylen RCH1000
4	packing gland	EN-GJS-500-7 5.3200 (ex.JS1050)
5	packing	SYNT+PTFE
6	o-ring	EPDM
7	support plates	S275JR
8	ring	X5CrNiMo17 12.2
9	seat	EPDM
10	stem	X8CrNiS18-9
11	yoke	carbon steel
12	stem nut	CuSn7ZnPb
13	check nut	carbon steel +zinc
14	handwheel	EN-GJS-500-7 5.3200 (ex.JS1050)
15	nut	carbon steel
16	hood	carbon steel
17	top cap	plastic
	max. Temperature	90°C

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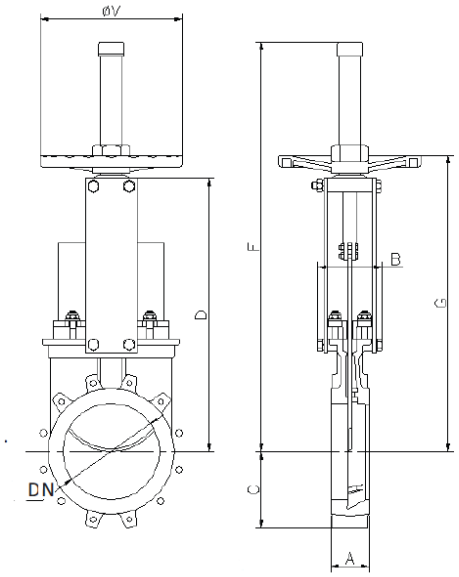
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DIMENSIONS



DN	A	B	C	D	F	G	Ø stem	ØV	moment obrotowy	
mm									Nm	kg
50	40	91	61	241	410	289	20x4	225	2,64	7
65	40	91	68	268	437	316	20x4	225	4,45	8
80	50	91	91	294	463	342	20x4	225	6,76	9
100	50	91	104	334	503	382	20x4	225	10,5	11
125	50	101	118	367	586	415	20x4	225	16,5	13
150	60	101	130	419	638	458	20x4	225	16,6	17
200	60	118	159	525	816	575	25x5	325	37,1	28
250	70	118	196	626	1017	676	25x5	325	41,4	40
300	70	118	230	726	1117	776	25x5	325	59,8	56
350	96	290	254	797	1337	906	35x6	450	88,5	94
400	100	290	287	903	1443	1012	35x6	450	115,9	116
450	106	290	304	989	1629	1098	35x6	450	110,3	162
500	110	290	340	1101	1741	1210	35x6	450	137,1	187
600	110	290	398	1307	2047	1416	35x6	450	198,6	264

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TYPES

figure	body material	nominal diameter DN	nominal pressure PN	type
121	A grey cast iron EN-GJL-250	50-125 mm	B 10 bar	• wafer type; gate, stem - stainless steel • 06 seal - EPDM PS 10 bar Tmax 90 °C
		150-200 mm	B 10 bar	• wafer type; gate, stem - stainless steel • 06 seal - EPDM PS 8 bar Tmax 90 °C
		250-300 mm	B 10 bar	• wafer type; gate, stem - stainless steel • 06 seal - EPDM PS 5 bar Tmax 90 °C
		350-600 mm	B 10 bar	• wafer type; gate, stem - stainless steel • 06 seal - EPDM PS 3 bar Tmax 90 °C

ORDERING

To place an order please use our product number (index)

figure	body material	nominal diameter DN	nominal pressure PN	type
121	A	050	B	06

ORDER EXAMPLE 121 A 050 B 06

bidirectional wafer knife gate valve , ends wafer type, form straight	121
grey cast iron EN-GJL-250	A
nominal diameter DN50	050
nominal pressure PN10	B
wafer type; gate, stem - stainless steel, seal - EPDM **PS 10 bar**	06

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