



Knife Gate Valve

Uni-Directional
Wafer Type Design

A-S21

Design:

Mounting betw. flanges EN 1092-1 PN10, ASME B16.5 class 150
Monoblock body in one-piece
Guide bushes to stabilize the gate
Optionally with rising or non-rising stem
Special versions available on request (BS, JIS,..)

stem seal	gland seal										
shut-off device	knife gate										
operation	manual wheel / gearbox / chain wheel electric / pneumatic / hydraulic										
working temperature	Depending on sealing materials										
working pressure	<table> <tr> <td>DN50 ... DN250</td><td>10 bar</td></tr> <tr> <td>DN300 ... DN400</td><td>6 bar</td></tr> <tr> <td>DN450</td><td>5 bar</td></tr> <tr> <td>DN500 ... DN600</td><td>4 bar</td></tr> <tr> <td>DN700 ... DN1600</td><td>2 bar</td></tr> </table>	DN50 ... DN250	10 bar	DN300 ... DN400	6 bar	DN450	5 bar	DN500 ... DN600	4 bar	DN700 ... DN1600	2 bar
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DN500 ... DN600	4 bar										
DN700 ... DN1600	2 bar										
pressure test	EN 12266 part 1 and 2										
connection	Wafer type, Lug type (on request)										

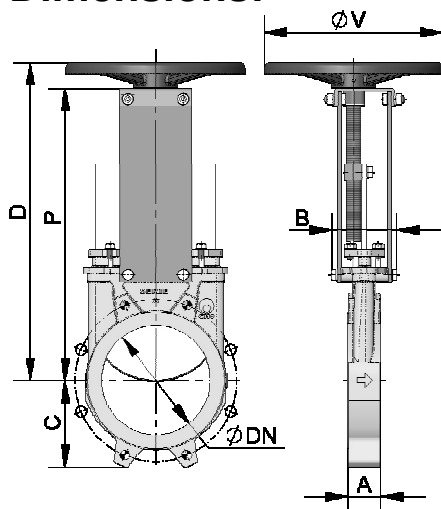


example image

Materials:

body	GJL-250 or CF8M
knife	AISI 304 or AISI 316
body seal	EPDM, NBR, FKM, Silicone, PTFE
stem seal	Synthetic + PTFE

Dimensions:



DN	A	B	C	P	D	ØV
50	40	92	63	241	280	225
65	40	92	70	268	307	225
80	50	92	92	294	333	225
100	50	92	105	334	373	225
125	50	102	120	367	406	225
150	60	102	130	419	458	225
200	60	119	160	525	578	325
250	70	119	198	626	679	325
300	70	119	234	726	779	380
350	96	290	256	797	906	450
400	100	290	292	903	1012	450
450	106	290	308	989	1098	450
500	110	290	340	1101	1210	450

Other sizes on request

Technical changes and errors reserved!

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