



# Slide Valves Type GVNC Knifegate

DN 50–400

Standard  
Construction

Valve operated by  
pneumatic or  
hydraulic cylinder

Supply pressure  
6–8 bar on cylinder

Body and upper con-  
struction with epoxy  
powder coating

Stainless steel parts  
without coating

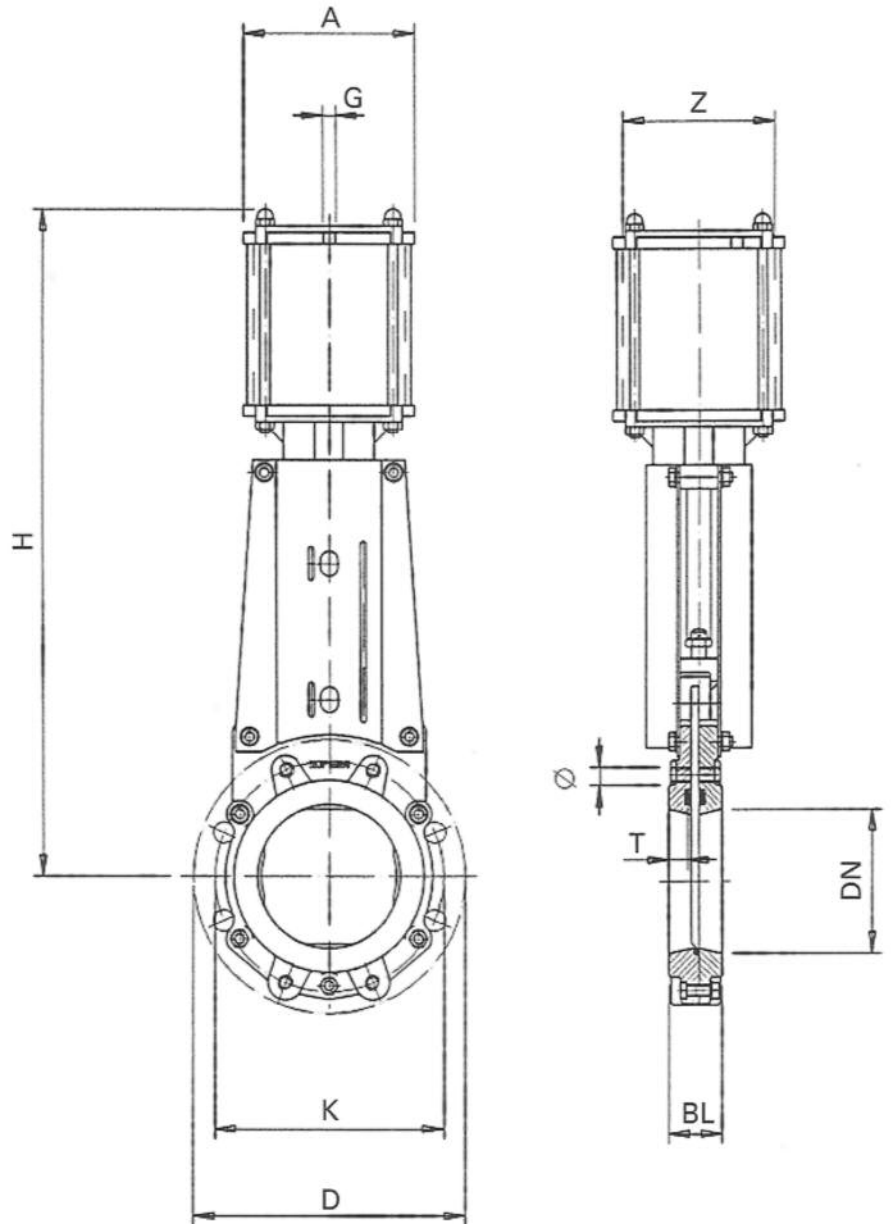
Flange drilling:  
DN 50–150 DIN PN16  
DN 200–400 DIN PN 10

Face-to-face dimension:  
EN 558-1 Series 20  
(K1 DIN 3202)

Operating pressure:  
DN 50–200 10 bar  
DN 250–300 6 bar  
DN 350–400 4 bar

For dead-end installation we recommend  
to use steel-enforced rubber gasket

Test pressure  
acc. to DIN 3230, part 3



DN	D	K	BL	H	Z	A	G	Ø	T	Qty screws	⊕	⊕	* WP max bar	Weight (kg)	
50	165	125	43	401	100	140	ISO 228-G	1/4	M16	17	4	4	–	10	8
65	185	145	46	423	100	140	ISO 228-G	1/4	M16	17	4	4	–	8	9
80	200	160	46	456	100	140	ISO 228-G	1/4	M16	17	8	4	4	6	10
100	220	180	52	535	100	140	ISO 228-G	1/4	M16	20	8	4	4	6	13
125	250	210	56	601	100	140	ISO 228-G	1/4	M16	22	8	4	4	5	16
150	285	240	56	698	160	180	ISO 228-G	1/4	M20	21	8	4	4	10	26
200	340	295	60	828	160	180	ISO 228-G	1/4	M20	23	8	4	4	6	32
250	395	350	68	987	200	220	ISO 228-G	1/4	M20	19	12	6	6	6	46
300	445	400	78	1114	200	220	ISO 228-G	1/4	M20	23	12	6	6	5	78
350	505	460	78	1329	250	270	ISO 228-G	3/8	M20	20	16	8	8	4	108
400	565	515	102	1461	250	270	ISO 228-G	3/8	M24	28	16	6	10	4	134

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