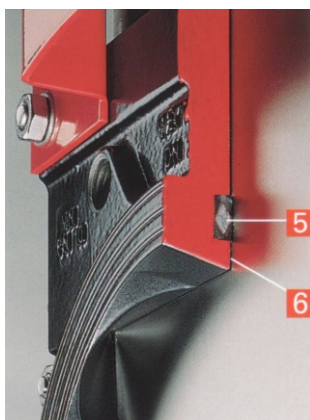
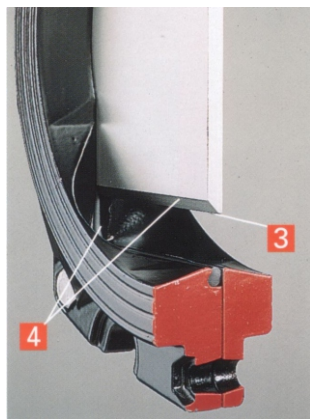
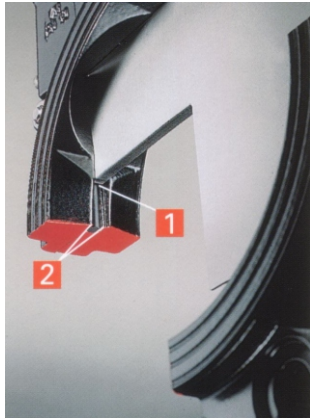




STANDARD DESIGN 50-1200mm

Also available in square profiles with a range of actuation options, from manual lever, manual handwheel, pneumatic, hydraulic and electric



Applications

- Heavy duty sealing for abrasive powders and granules
- Soft seat for products with a moisture content and fluids
- Viscous fluids, pastes, chemical waste
- Large range of body and seal materials for chemical compatibility
- Spares available for older 'Reiss' type valve

Standard Features

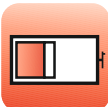
- 1** Tight shut-off using the edge seal along the side of the plate. The seal is mechanically retained and self-cleaning. It is also out of the product flow, increasing the longevity of the seal.
- 2** Gate guides ensure flutter and noise free operation.
- 3** Blade tip machined to shear off any remaining solids.
- 4** Gate geometry prevents jamming by pushing the product into specially enlarged flushing corners.
- 5** The unique transverse seal eliminates the high-maintenance stuffing box. The special profile compensates for wear and is fitted with scrapers to prevent product build up on the blade. The seal can be re-packed with the valve under pressure.
- 6** Minimised chest area has no space for jamming due to product build-up.



Butterfly



Rotary



Slide



Knifegate



Diverter



Diyris



Ceramic



Specials



Sifter



Seals

Midland Industrial Designers Limited

Common Lane, Watnall, Nottingham, England NG16 1HD
T: (+44)(0)115 9382154 F: (+44)(0)115 9386315 E: enquiry@mid.uk.com
Manufacturers of powder handling equipment since 1959

www.mid.uk.com





STANDARD SPECIFICATION

DN 50–400

Standard Construction

Valve operated by pneumatic or hydraulic cylinder

Supply pressure 6–8 bar on cylinder

Body and upper construction with epoxy powder coating

Stainless steel parts without coating

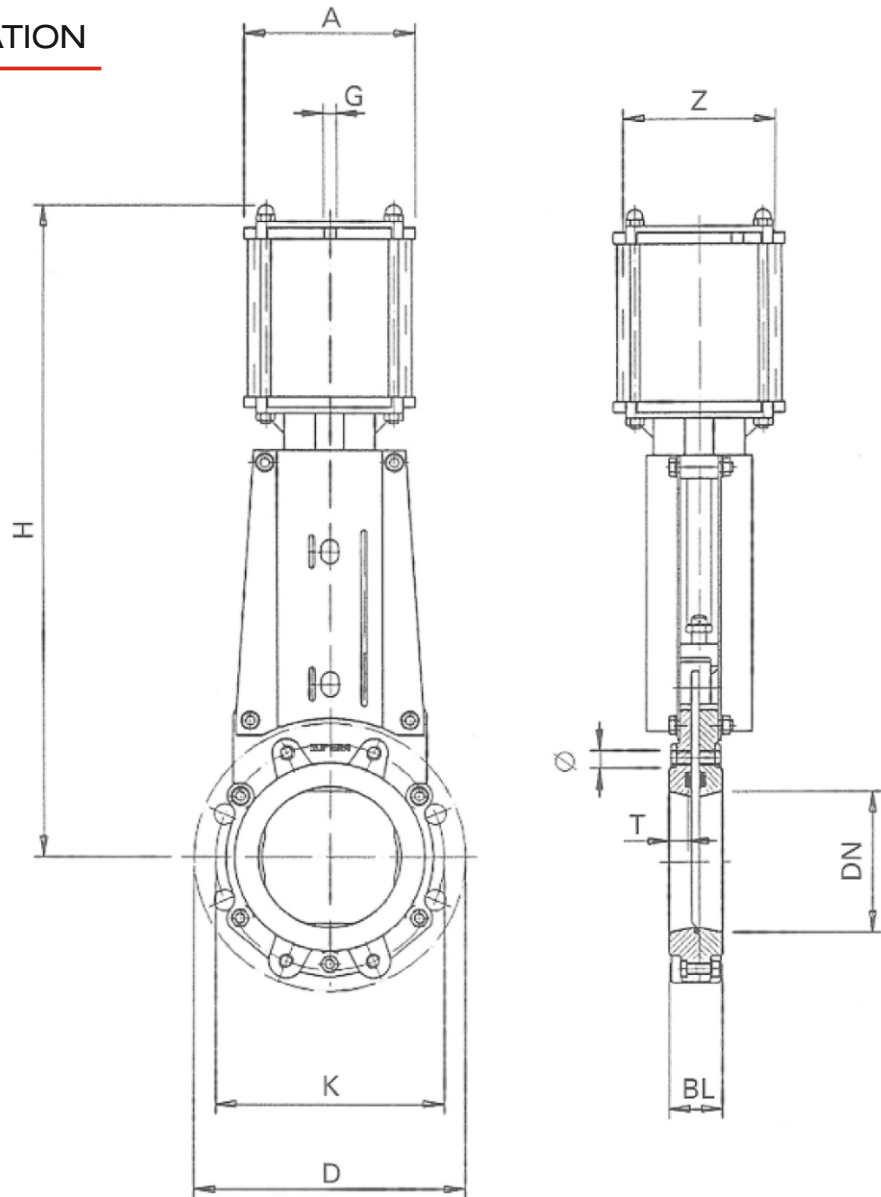
Flange drilling:
DN 50–150 DIN PN16
DN 200–400 DIN PN 10

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 recomr to use steel-enforced rubber gasket

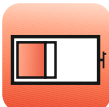
Test pressure acc. to DIN 3230, part 3



Butterfly



Rotary



Slide



Knifegate



Diverter



Dyris



Ceramic



Specials



Sifter



Seals

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

Midland Industrial Designers Limited





Heavy Duty 'Reiss Type' GVNC (400mm+)

Engineered to last

Valve operated by double acting pneumatic cylinder
Supply pressure 6 – 8 bar

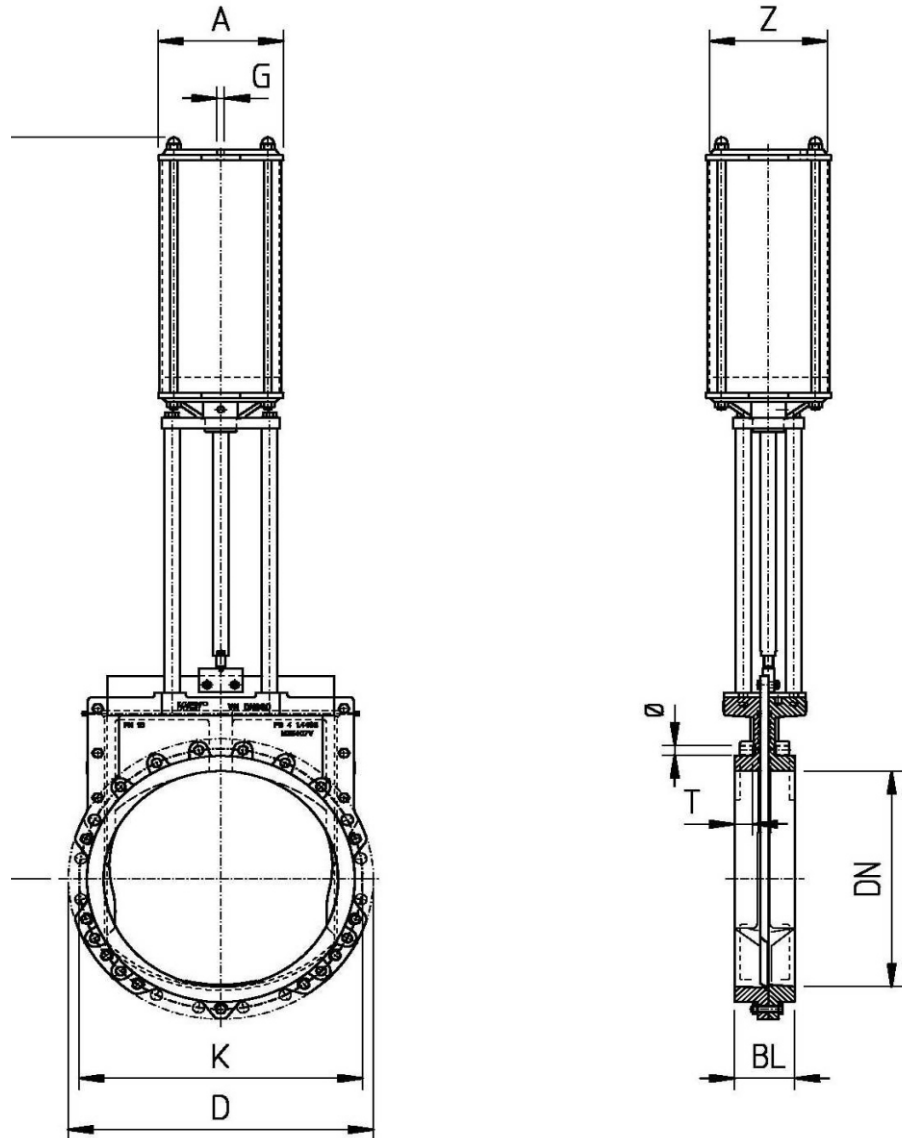
Material acc. to data sheet 2.0.13 however body 316ss

Flange drilling: PN10 DIN 2501

Face-to-face dimension: EN 558-1 ISO 5752 (K1 DIN 3202)

Pressure rating: 4 bar

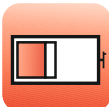
Test pressure to DIN 3230 part 3
Leakage rate 1



Butterfly



Rotary



Slide



Knifegate



Diverter



Dyris



Ceramic



Specials



Sifter



Seals

All information for reference only

Technical modifications reserved

DN	D	K	BL	H	Z 1)	A	G	ISO 228-	Ø	T	Qty screws	Qty tapped holes	Qty through bore	Shut-off max. bar	Weight kg
450	615	565	114	1652	250	322	G 1/2	M24	28	20	10	10	4 bar		
500	670	620	127	1770	300	380	G 1/2	M24	36	20	10	10	4 bar		
600	780	725	154	2063	300	380	G 1/2	M27	46	20	10	10	3 bar		
700	895	840	165	2357	300	380	G 1/2	M27	46	24	12	12	2.5		
800	1015	950	190	2632	300	380	G 1/2	M30	54	24	12	12	2		
900	1115	1050	203	3022	400	432	G 3/4	M30	45	28	14	14	3		
1000	1230	1160	216	3287	400	432	G 3/4	M33	48	28	14	14	2		

1) Valid at a minimum supply pressure 6 bar for unproblematic media. Other cylinder sizes according to shut off pressure and supply pressure available.

2) Provide max. supply pressure at cylinder and medium details.

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