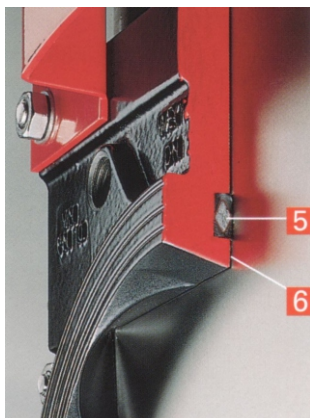
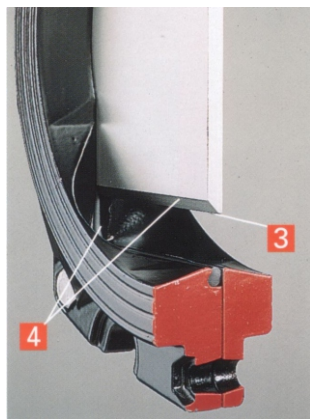
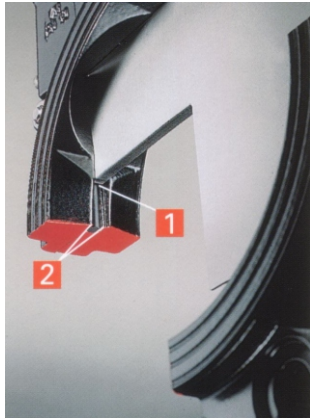




STANDARD DESIGN 50-1200mm

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

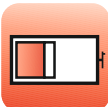
- 1** Tight shut-off using the edge seal along the side of the plate. The seal is mechanically retained and self-cleaning. It is also out of the product flow, increasing the longevity of the seal.
- 2** Gate guides ensure flutter and noise free operation.
- 3** Blade tip machined to shear off any remaining 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





DN 50–600

Standard Construction

Valve operated by pneumatic or hydraulic cylinder

Supply pressure 6–8 bar

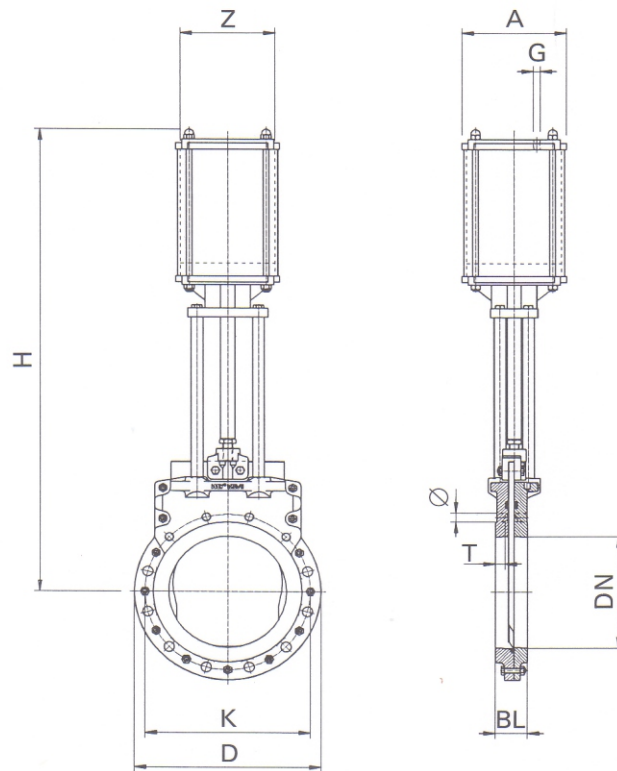
Material acc. to data sheet 2.0.13

Coating acc. to data sheet 2.0.12

Flange drilling: DIN 2501 PN 10/16

Face-to-face dimension: K1 DIN 3202 BASIC SERIES 20 ISO 5752

Operating pressure:
 DN 50–300 10 bar
 DN 350–400 6 bar
 DN 450–600 4 bar



Test pressure acc. to DIN 3230, part 3

All information for reference only

* Applicable for supply air pressure of 6 bar in troublefree media. Larger actuators on request.

Technical modifications reserved

DN	D	K	BL	H	Z	A	G	∅	T	Qty screws	⊕	⊕	Weight (kg)	*Shut-off max. (bar)
50	165	125	43	396	80	120	G 1/4	M16	17	4	2	2	9	10
65	185	145	46	429	80	120	G 1/4	M16	18	4	2	2	11	8
80	200	160	46	489	80	120	G 1/4	M16	13	8	2	6	13	6
100	220	180	52	568	100	140	G 1/4	M16	16	8	2	6	17	6
125	250	210	56	627	100	140	G 1/4	M16	18	8	2	6	21	5
150	285	240	56	728	160	220	G 1/4	M20	16	8	2	6	33	10
200	340	295	60	863	160	220	G 1/4	M20	18	8	2	6	42	6
250	395	350	68	1036	200	262	G 1/4	M20	21	12	4	8	64	6
300	445	400	78	1176	200	262	G 1/4	M20	21	12	4	8	90	5
350	505	460	78	1369	250	322	G 3/8	M20	18	16	4	12	119	6
400	565	515	102	1502	250	322	G 3/8	M24	24	16	4	12	156	5
450	615	565	114	1652	250	322	G 3/8	M24	28	20	6	14	217	4
500	670	620	127	1770	300	380	G 3/8	M24	28	20	6	14	260	4
600	780	675	154	2063	300	380	G 3/8	M27	32	20	6	14	385	3



Butterfly



Rotary



Slide



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DN 700 - 1000

Standard construction

Valve operated by double acting pneumatic cylinder

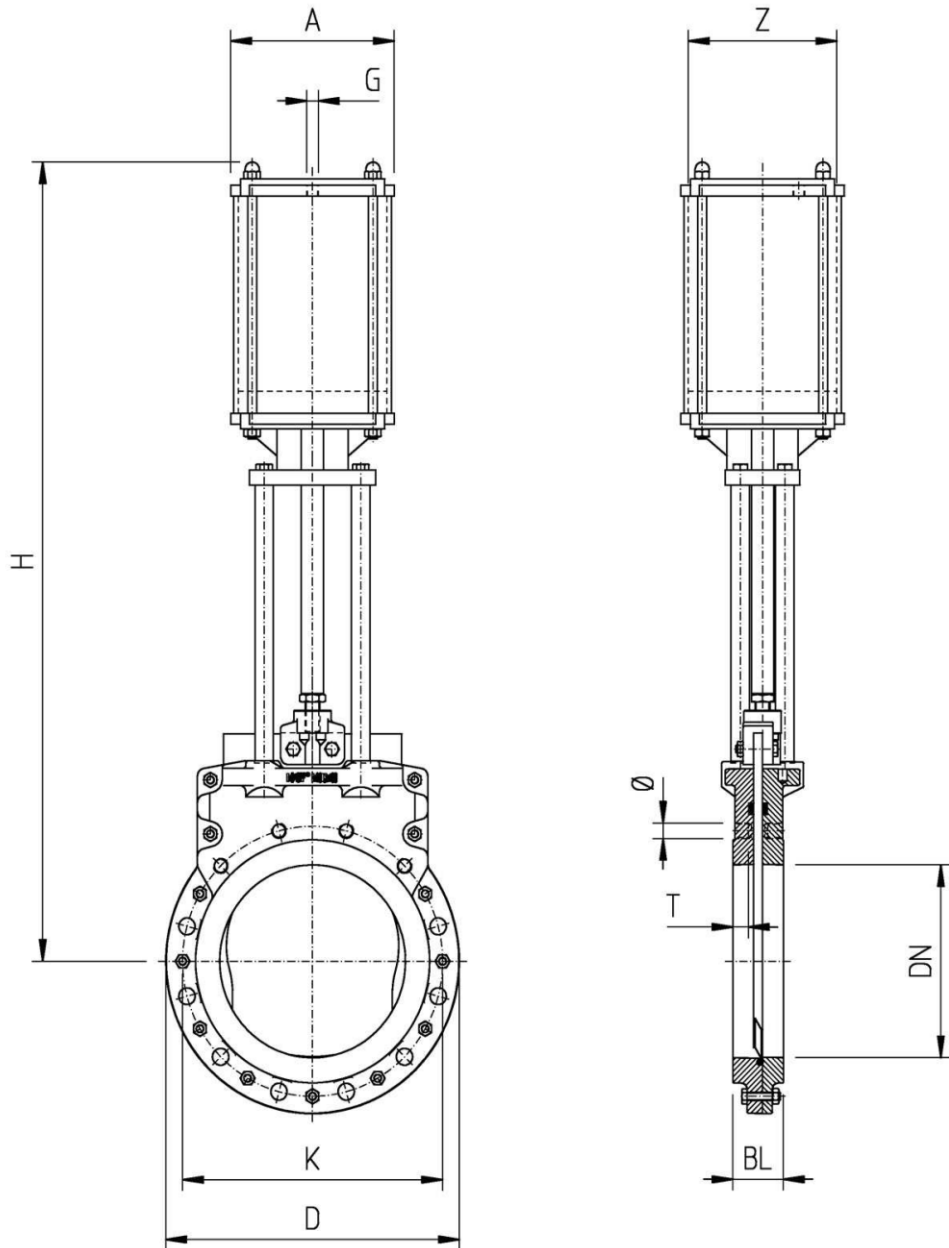
Supply pressure 6 - 8 bar

Flange drilling to EN 1092 PN10

Face to face to DIN 3202

Pressure rating 4 bar

Test pressure to EN 12266-1, leakage rate A



Butterfly



Rotary



Slide



Knifegate



Diverter



Dyris



Ceramic



Specials



Sifter



Seals

All information for reference only Technical modifications reserved

DN	D	K	BL	H	Z	A	G	ø	T	TAP	PLAIN	BAR	KG
700	895	840	165	2383	300	320	1/2"	M27	41	8	16	4	580
800	1015	950	190	2632	300	320	1/2"	M30	43	8	16	4	720
900	1115	1050	203	3022	400	432	3/4"	M30	45	10	18	4	1440
1000	1230	1160	216	3287	400	432	3/4"	M33	48	10	18	4	1680

Larger cylinders available on request
Higher shutoff pressures available on request

Midland Industrial Designers Limited

