

KNIFE GATE VALVE

With non-rising spindle



Design features

- Resilient seated gate valve for various application areas
- Robust construction, long-term corrosion protection
- Actuation by handwheel or electric actuator
- One-piece housing from DN 50 to DN 200

Material | Technical features

- **All cast parts** made of grey cast iron, epoxy powder coated
- **Bearing block:** (DN 50 - 200): ductile iron
(DN 250 - 400): grey cast iron
- **Plate** made of stainless steel
- **Spindle** and **columns** made of stainless steel
- **Screws** made of stainless steel
- **Spindle nut** made of non-ferrous heavy metal
- **Cross sealing** and **U-sealing** made of elastomer
- **Friction washer** made of POM
- Face-to-face dimension according to EN 558 -1, GR 20
- Max. operating pressure MOP (PN) 10 or 6* (see table)

Suitable accessories

Handwheel: No. 7800
Actuator: No. 9920
Spindle extension: No. 7820

No. 3600



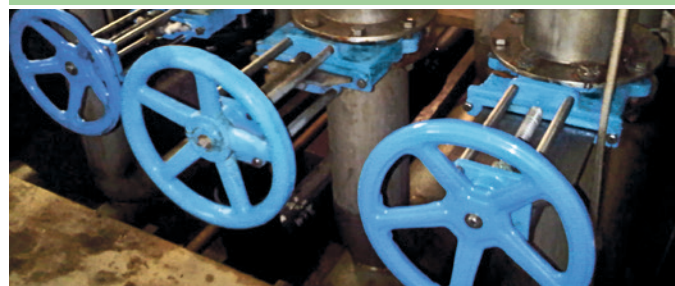
DN 50 - 200



DN 250 - 400

Order No.	Version	MOP (PN)	Dimensions/DN											
			50	65	80	100	125	150	200	250	300	350	400	
3600	Standard	10												
		6												
3600EL	with flange connection for electric actuator	10												
		6												

Application example



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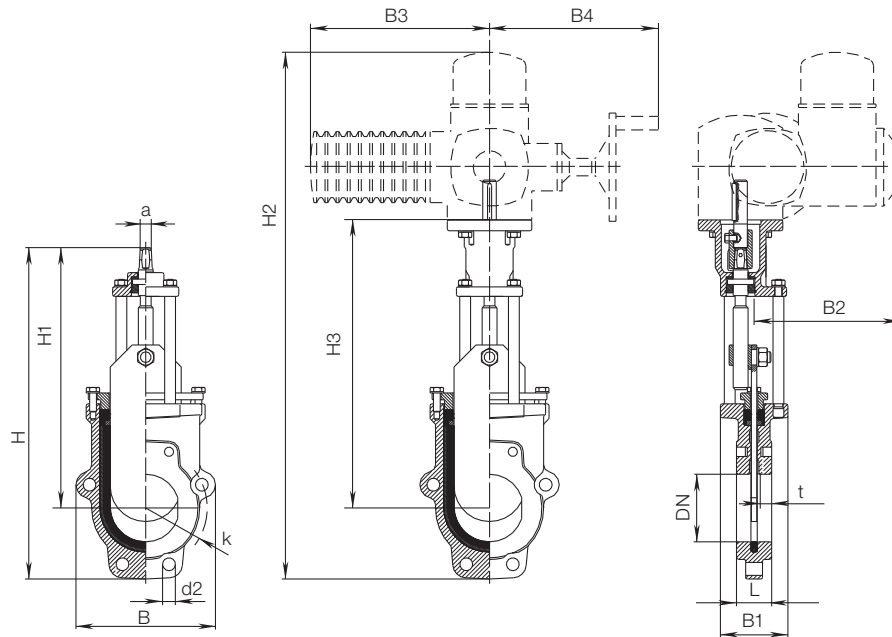
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With non-rising spindle



No. 3600



DN	50	65	80	100	125	150	200	250*	300*	350*	400*
MOP (PN)	10							6			
Thread	M16	M16	M16	M16	M16	M20	M20	M20	M20	M20	M24
Through bores holes	2	2	6	6	6	6	6	8	8	10	10
Blind tapped holes Quantity/Side	2	2	2	2	2	2	2	4	4	6	6
Blind tapped holes Depth t	9,5	11	10	13	14	14	14	14	19	19	26
k	125	145	160	180	210	240	295	350	400	460	515
d2	19	19	19	19	19	23	23	23	23	23	28
H	349	381	450	490	559	619	753	957	1081	1242	1353
H1	284	309	355	385	439	483	591	788	888	1016	1103
H2			779	819	892	952	1088	1296	1420	1610	1721
H3			396	426	484	528	636	837	937	1068	1155
B	125	139	188	206	234	268	319	347	399	462	512
B1	88	88	100	100	100	100	127	160	160	180	180
B2			273	273	273	273	287	279	279	318	318
B3			265	265	265	265	282	282	282	385	385
B4			250	250	250	250	256	256	256	325	325
L	43	46	46	52	56	56	60	68	78	78	102
Spindle square a	10,3	10,3	14,8 (19,3**)	14,8 (19,3**)	19,3	19,3	19,3	24,3	24,3	27,3	27,3
Open/close revolutions			8	10	13	15	20	21	25	29	34
Weight No. 3600	6,3	7,0	11,0	14,0	14,0	22,0	33,0	73,0	99,0	140,0	180,0
Weight No. 3600EL			13,0	16,0	19,5	24,5	36,0	76,0	102,0	144,0	184,0
Suitable handwheel*** No. 7800 DN	2"	2"	100	100	125-150	125-150	125-150	200	200	250-350	250-350

* Flange drilling PN 10 / operating pressure PN 6 | ** with spindle adapter | *** not included in scope of delivery!

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