

HAWLE-E1+ VALVE

Overview

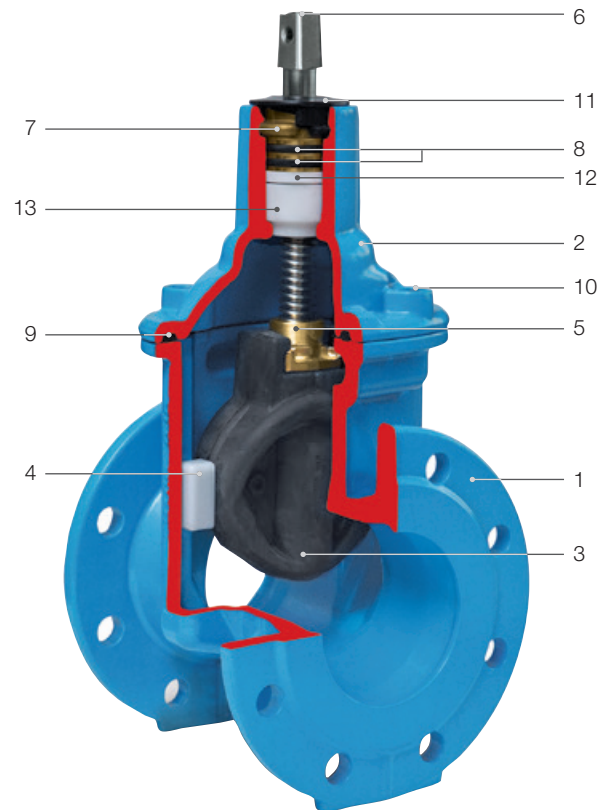


Design features

- **Resilient seated gate valve** according to EN 1074-1 and EN 1074-2 with smooth, straight bore
- Flanged valve, short face-to-face dimension
- **Wedge guide** with high glide characteristics; load-optimised design guarantees very low wear and closing torques
- **Wedge nut** resists high torque load due to its larger size with more than the required thread length
- **Spindle bearing** attached in bonnet by bayonet connection
- **O-rings** on all sides mounted in corrosion-proof material
- **Friction washers** guarantee smooth spindle guiding
- Suitable for underground installation
- **Duplex** stainless steel spindle

Material | technical features

- 1,2 **Body (1), bonnet (2)** made of ductile iron, epoxy powder coated inside and out (see page 4)
- 3 **Wedge** made of ductile iron, fully rubberized with vulcanized elastomer inside and out
- 4 **Wedge guide** made of wear-resistant POM
- 5 **Wedge nut** made of brass
- 6 **Duplex stainless steel spindle** with rolled thread and polished O-ring slide faces, bearing made of POM
- 7 **O-ring bush** made of brass, attached in bonnet by bayonet connection, anti-rotation, multiple O-ring sealing
- 8 **O-rings** made of elastomer
- 9 **Bonnet gasket** made of elastomer
- 10 **Allen screws** corrosion protected by being encased into the body with an enclosing gasket and wax
- 11 **Covering cap** as dirt protection of the spindle bearing made of PE
- 12 **Friction washer** made of POM
- 13 **Spindle bearing** made of POM



HAWLE-E1+ VALVE

With flange DN 50-300, PN 10 | PN 16



Design features

- Resilient seated gate valve with smooth, straight bore
- Flanges sized in accordance with EN 1092-2, drilled according to EN 1092-2 | PN 10 standard; EN 1092-2 | PN 16 for DN 200
Please specify on order - other standards on request
- Suitable for cleaning with a cleaning pig
- Short face-to-face length (EN 558 GR 14)
- Long face-to-face length (EN 558 GR 15)

Standard version: without handwheel and extension spindle (only suitable for manual actuation)

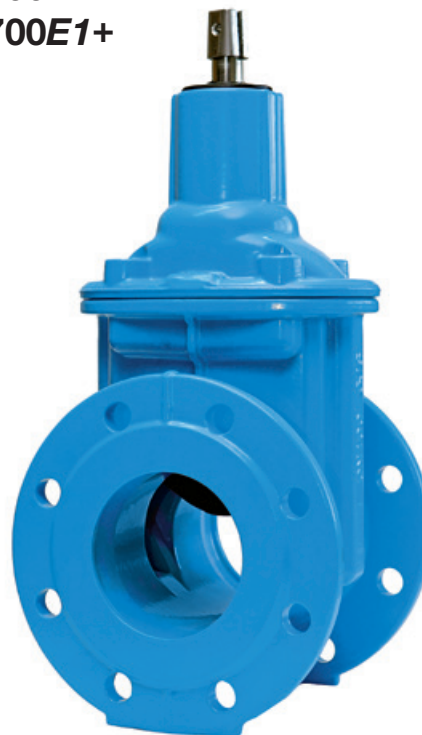
Special versions: on request

Suitable accessories

Suitable accessories: see page A 1/2

- | | | |
|---------------------|------------------------------|-----------|
| Handwheel: | | No. 7800 |
| Extension spindles: | rigid | No. 9000 |
| | from DN 65 | No. 9000A |
| | telescopic | No. 9500 |
| | from DN 65 | No. 9500A |
| Surface boxes: | | No. 9500 |
| | rigid | No. 1750 |
| | telescopic | No. 2050 |
| | | No. 2051K |
| Base plate: | No. 3480, No. 3481 | |
| Operating cap: | No. 2156, No. 2157, No. 2158 | |
| Spindle extension: | No. 7820, No. 7825 | |
| Bolts: | No. 8810, No. 8830, No. 8840 | |
| HAWAK-pillar: | No. 9894 | |
| Flat gasket: | No. 3390, No. 3470 | |

No. 4000E1+
No. 4700E1+



Order no.	Version	MOP (PN)	Dimensions/DN								
			50	65	80	100	125	150	200	250	300
4000E1+	short EN 558-1 GR 14	10									
		16									
4700E1+	long EN 558-1 GR 15	10									
		16									

Application example



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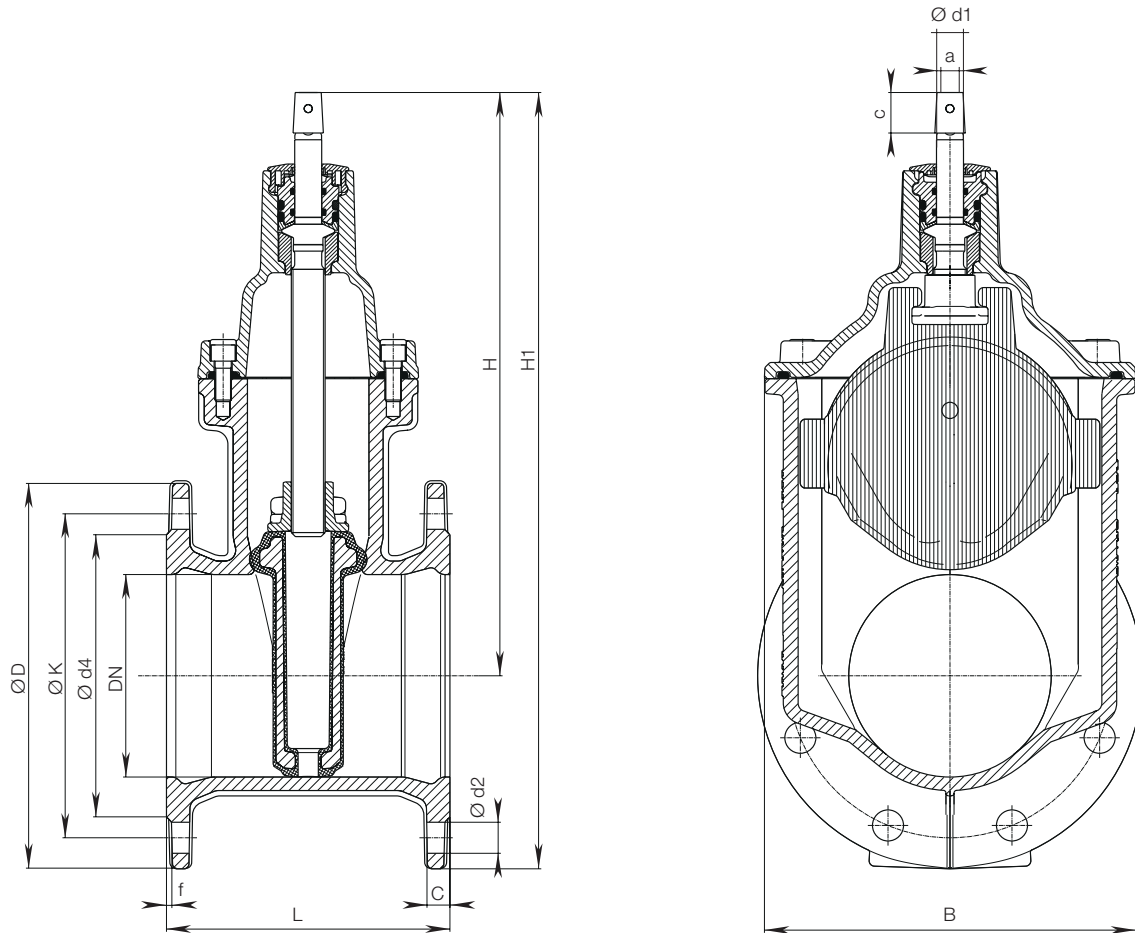
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With flange DN 50-300, PN 10 | PN 16



No. 4000E1+

No. 4700E1+



DN	MOP (PN)	Flange					Bolts			Spindle			Valve				Weight		
		ØD	C	ØK	Ød4	f	Qty	Thread	Ød2	a	c	Ød1	H	H1	L		B	short	long
50	10	165	18	125	98	5	4	M 16	19	14,8	30	18	230	313	150	250	135	8,8	10,7
	16																		
65	10	185	18	145	118	5	4	M 16	19	17,3	30	20	298	390	170	270	172	13,5	16,9
	16																		
80	10	200	18	160	133	5	8	M 16	19	17,3	30	20	305	405	180	280	172	14,5	19,0
	16																		
100	10	220	18	180	153	5	8	M 16	19	19,3	30	20	339	449	190	300	203	18,5	25,2
	16																		
125	10	250	17	210	183	4	8	M 16	19	19,3	30	20	420	545	200	325	275	30,5	36,7
	16																		
150	10	285	17	240	209	4	8	M 20	23	19,3	30	20	432	575	210	350	275	34,0	42,9
	16																		
200	10	340	19,5	295	264	4,5	8	M 20	23	24,3	38	25	534	704	230	400	345	54,6	68,0
	16																	12	
250	10	400	21,5	350	318	4,5	12	M 20	23	27,3	38	32	626	826	250	450	422	80,5	82,0
	16																	12	
300	10	455	24	400	371	5,5	12	M 20	23	27,3	38	32	709	937	270	500	506	125,0	142,4
	16																	12	

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