

HAWLE-E1+ VALVE

Overview

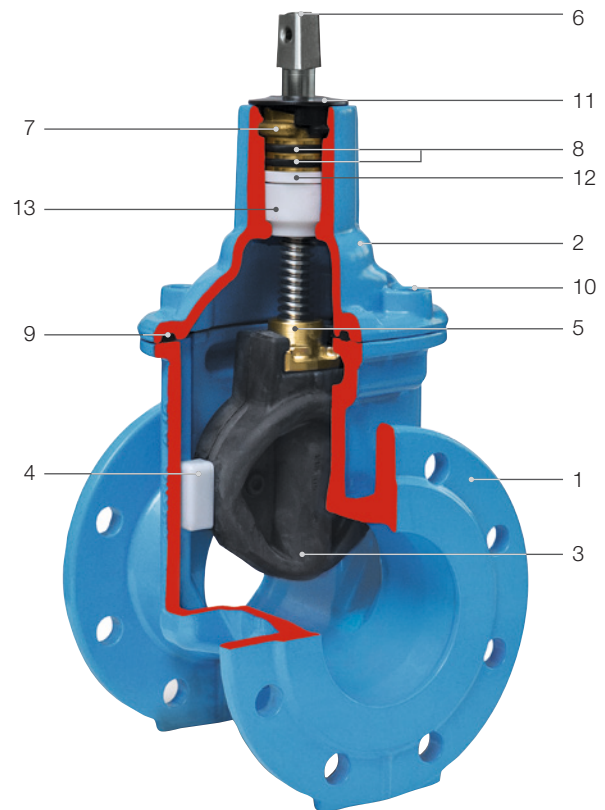


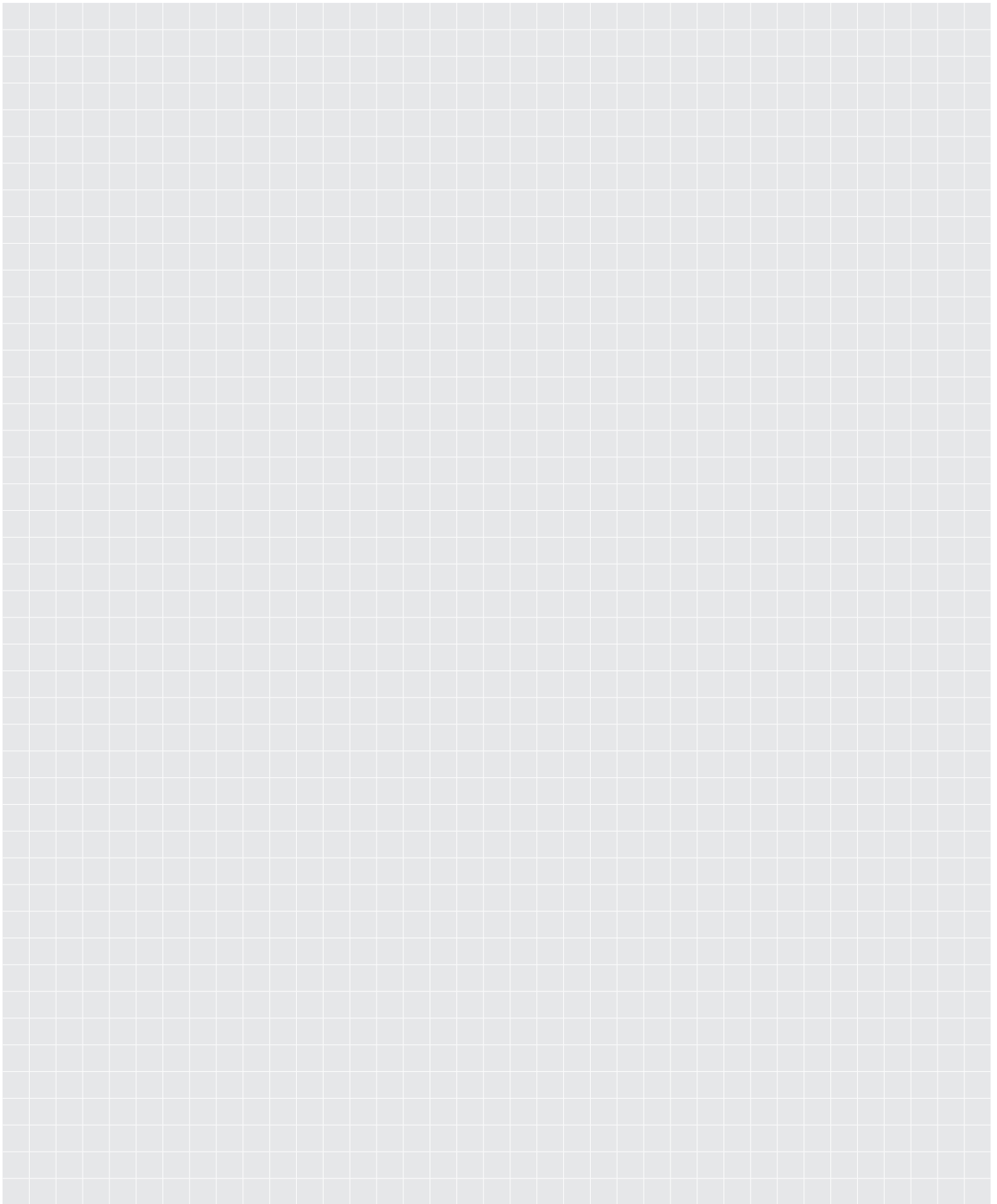
Design features

- **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)

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

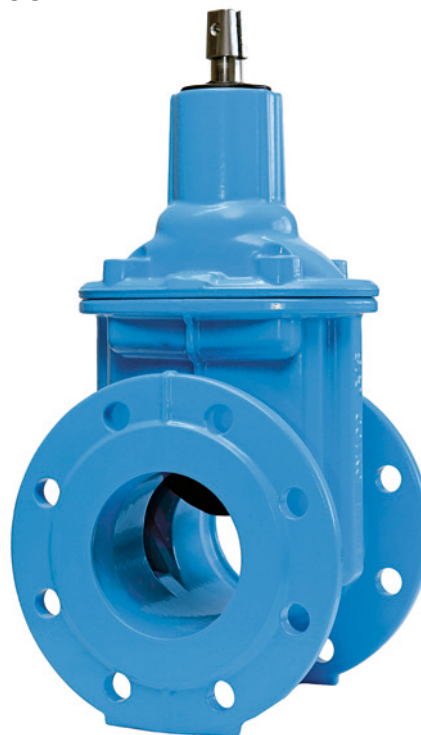
Special versions: on request

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+



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										

Application example

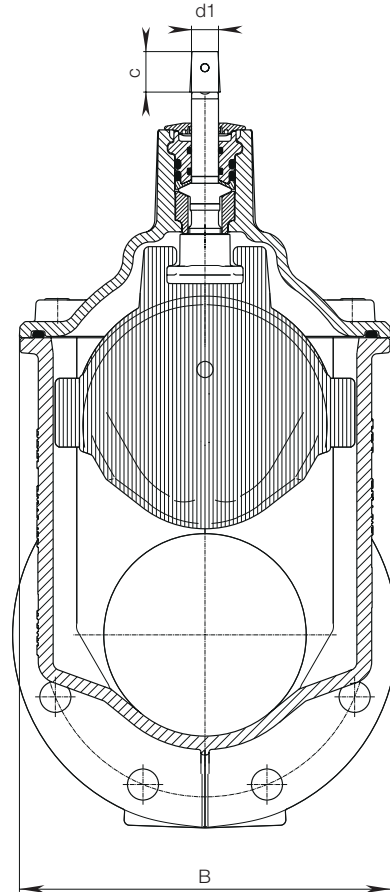
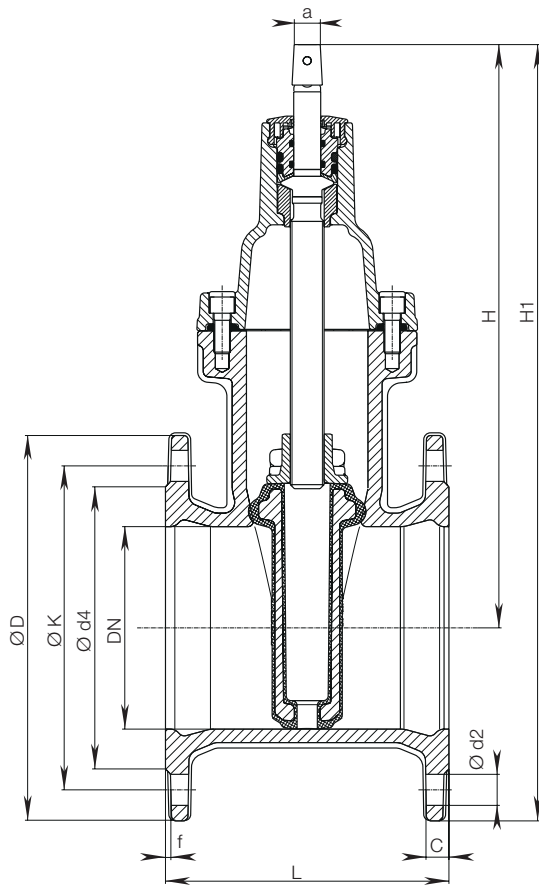


HAWLE-E1+ VALVE

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



No. 4000E1+



DN	MOP (PN)	Flange					Bolts			Spindle			Valve				Weight
		ØD	C	ØK	Ød4	f	Qty.	Thread	Ød2	a	c	Ød1	H	H1	L	B	
50	10	165	18	125	98	5	4	M 16	19	14,8	30	18	230	313	150	135	8,5
	16																
65	10	185	18	145	118	5	4	M 16	19	17,3	30	20	298	390	170	172	13,5
	16																
80	10	200	18	160	133	5	8	M 16	19	17,3	30	20	305	405	180	172	14,5
	16																
100	10	220	18	180	153	5	8	M 16	19	19,3	30	20	339	449	190	203	18,5
	16																
125	10	250	17	210	183	4	8	M 16	19	19,3	30	20	420	545	200	275	31,0
	16																
150	10	285	17	240	209	4	8	M 20	23	19,3	30	20	432	575	210	275	34,0
	16																
200	10	340	19,5	295	264	4,5	8	M 20	23	24,3	38	25	534	704	230	345	54,0
	16																
250	10	400	21,5	350	318	4,5	12	M 20	23	27,3	38	32	626	826	250	422	82,0
	16																94,0
300	10	455	24	400	371	5,5	12	M 20	23	27,3	38	32	709	937	270	506	124,5
	16																142,0