E2 VALVE FLANGE | PE TAIL

DN 50-200, PN 6 | PN 10

Design features

- Resilient seated gate valve with flange and PE fusion tail in combination with PE pipes according to EN 1555-2, DIN 8074
- This resilient seated valve has one flange and one PE tail screwed and sealed into the sockets
- High performance sealing of the PE tails within the sockets is assured by two separate seals and a support liner
- The valve can be connected to the PE pipeline by either butt fusion or electrofusion
- **Wedge guide** with high glide characteristics; load-optimised design guarantees lowest wear and minimum closing torques
- **Wedge nut** allows high torque load through large dimensioning of the required thread length
- **O-rings, lip seals** mounted in rust-proof material on all sides
- **Edge protection** protects during transport and storage
- **Friction washers** guarantee low friction mounting of the spindle
- Flanges sized in accordance with EN 1092-2, drilled according to EN 1092-2 | PN 10 standard
- One extension spindle for several dimensions
- **100%** suitable for underground installation

Standard version: without handwheel and extension spindle

Temperature range: operation: -10° C to 50° C
storage: -25° C to 70° C

Material | technical features

1, 2 **Body** (1) and **Bonnet** (2) made of ductile iron, inside and outside epoxy powder coated, ring groove on head part for a pinless force-fitting connection of the extension spindles

3 **Stainless steel** spindle with rolled thread and flat-rolled sealed sliding surface

4 **Wedge** made of ductile iron, inside and out with vulcanized elastomer

5 **Wedge guide** made of wear-resistant plasti

6 **Wedge nut** made of dezincification-resistant brass

7 **O-ring bush** made of brass

8,16 **O-rings** made of elastomer

9 **Back seal** made of elastomer

10 **Retaining ring** made of POM

11 **Wiper ring** made of elastomer

12 **Bonnet gasket** made of elastomer

13 **Allen screws** encased into the body with an enclosing gasket and wax, ensuring full corrosion protection

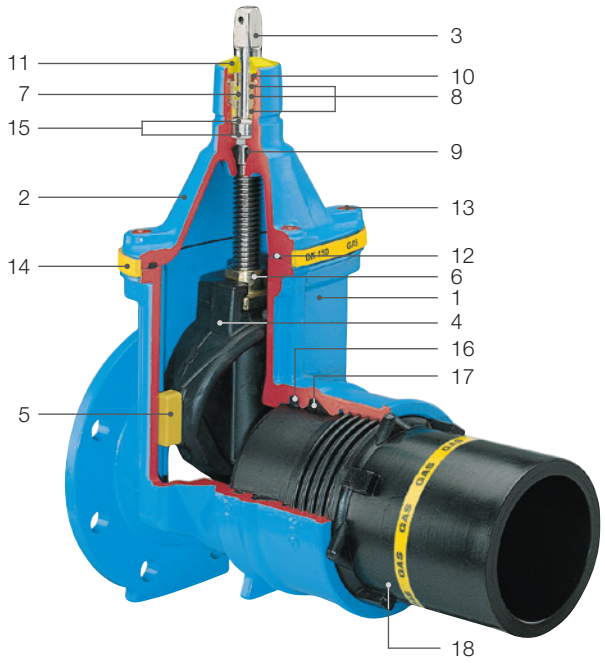
14 **Edge protection** made of PE

15 **Friction washers** made of POM

17 **Socket sealing** made of elastomer

18 **PE-fusion tail** Standard version PE 100 injection moulded, Support liner of stainless steel assembled in PE-fusion tail

No. 4095*E2*
No. 4096*E2*



Order no.	M0P (PN)	Dimensions/DN Pipe Ø						
		50	80	100	100	150	150	200
		63	90	110	125	160	180	225
4095*E2*	10							
4096*E2*	6							

PE-fusion tail: No. 4095*E2* PN 10 / SDR 11
No. 4096*E2* PN 6 / SDR 17
(No. 4096*E2* PN 6 / SDR 17.6 on request)

Suitable accessories

Suitable accessories:

Handwheel:		No. 7800
Extension spindles:	rigid	No. 9000*E2*
	telescopic	No. 9500*E2*
Surface boxes:	rigid	No. 1755
Base plate:	No. 3481, No. 3490	

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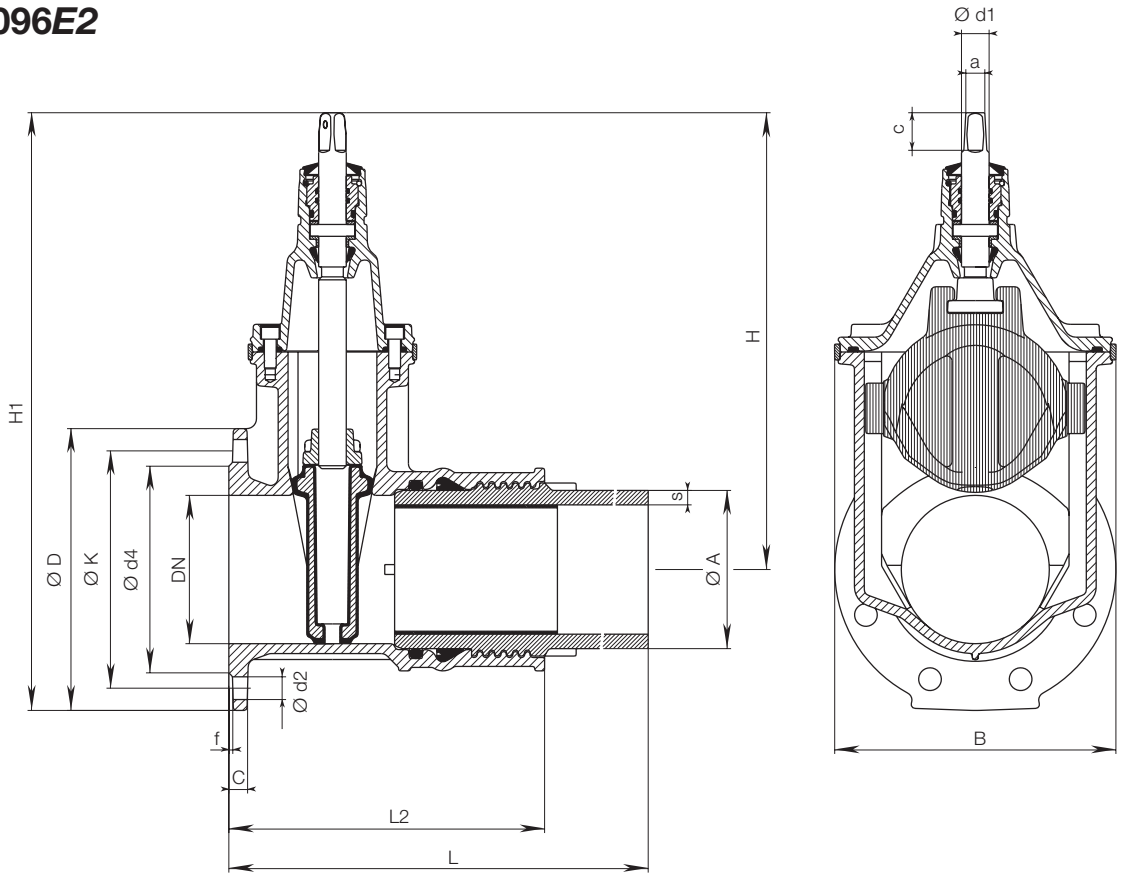

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DN	Ø Pipe	Flange					Bolts			Valve with PE tail							Spindle			Weight
		Ø D	C	Ø K	Ø d4	f	Qty.	Thread	Ø d2	s (SDR 17)	s (SDR 11)	H	H1	L	L2	B	a	c	Ø d1	
50	63	165	19	125	98	3	4	M 16	19		5,8	260	342	399	215	143	14,8	30	22	11,5
80	90	200	19	160	133	3	8	M 16	19	5,4	8,2	336	436	425	245	180	17,3	35	25	19,5
100	110	220	19	180	153	3	8	M 16	19	6,6	10,0	373	483	450	265	213	19,3	38	25	25,5
100	125	220	19	180	153	3	8	M 16	19	74	11,4	373	483	476	293	213	19,3	38	25	28,0
150	160	285	19	240	209	3	8	M 20	23	9,5	14,6	462	605	503	320	285	19,3	38	28	45,5
150	180	285	19	240	209	3	8	M 20	23		16,4	462	605	512	334	285	19,3	38	28	49,5
200	225	340	20	295	264	3	8	M 20	23	11,9	20,5	563	733	565	372	357	24,3	48	32	78,0

ÖVGW GEPRÜFT
REG. No. G 1.475

The specified pressure test for gas-valves is certified by an acceptance test certificate to EN 10204 -3.1.

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reliant on dimension external monitored

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