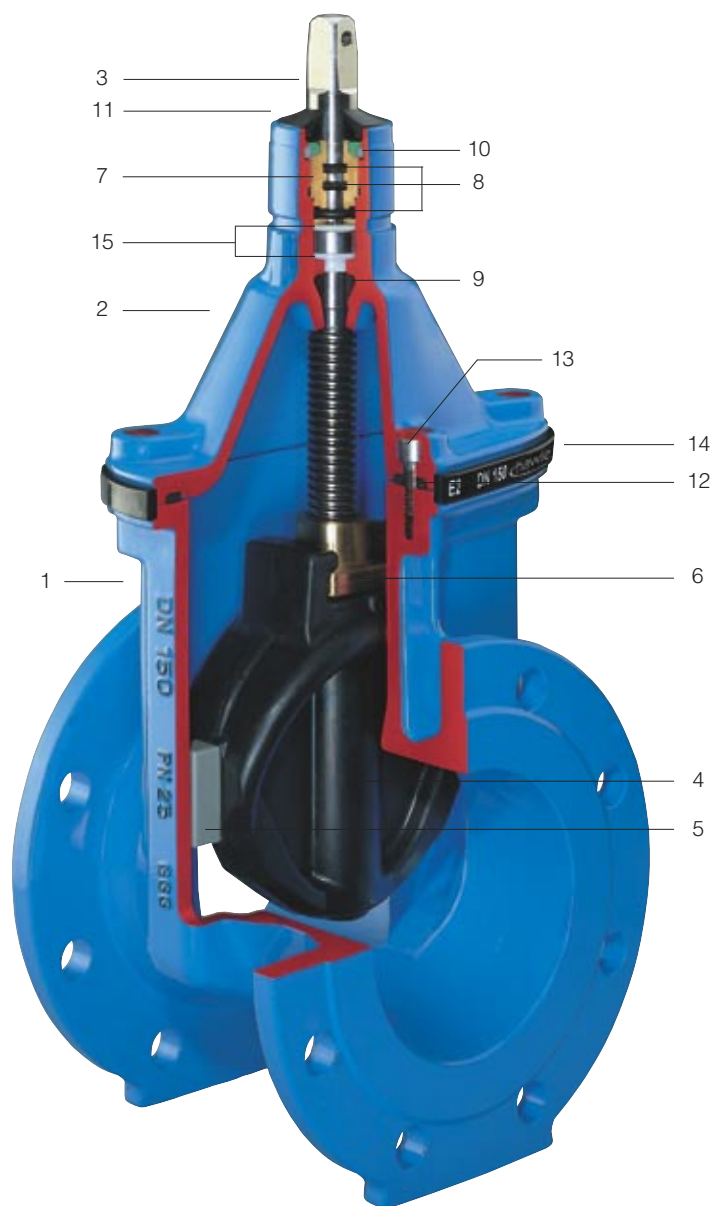


Order no.	Face-to-face dimension	Application	PN	Dimensions/DN								
				50	65	80	100	125	150	200	250	300
4010E2	short (DIN 3202 F 4) EN 558-1 GR 14	Water	25	•	•	•	•	•	•	•		
4710E2	long (DIN 3202 F 5) EN 558-1 GR 15									•	•	•

Resilient seated gate valve with smooth straight-through bore

Material and design features:

- 1/2 **Body (1), Bonnet (2)**
of ductile iron EN-GJS-400-18 according to EN 1563 (GGG 400 - DIN 1693) inside and outside epoxy powder coated according to DIN 30677-T2 in accordance with DIN 3476 and all quality and test requirements of RAL quality mark 662 (GSK - Gütegemeinschaft Schwerer Korrosionsschutz - the association for high quality corrosion protection)
- 3 **Stainless steel spindle** St 1.4021 (X20Cr13), with rolled thread
- 4 **Wedge** of ductile iron EN-GJS-400-18 according to EN 1563 (GGG 400 - DIN 1693), inside and outside fully rubberized with vulcanized of elastomer, suitable for potable water, with drain hole
- 5 **Wedge guide** of wear resistant plastic with high gliding features; optimally placed design guarantees lowest wear and tear and lowest closing torques
- 6 **Wedge nut** of dezincification resistant brass CuZn36Pb3As, generous oversizing of the required thread length in the wedge nut guarantees highest possible breaking torques
- 7 **O ring bush** of Ms 58
- 8 **O rings** of elastomer, suitable for potable water, embedded in non-corrosive material (according to DIN 3547-T1) and replaceable under pressure (according to ISO 7259)
- 9 **Back seal** of elastomer, suitable for potable water
- 10 **Circlip** of POM
- 11 **Wiper ring** of elastomer
- 12 **Bonnet gasket** of elastomer, suitable for potable water
- 13 **Allen screws** St 8.8 DIN 912 absolutely corrosion protected by being sunk into the body and sealed, and by passing through bonnet gasket
- 14 **Edge protecting ring** of PE avoids damages during transport and storage
- 15 **Friction washers** of POM guarantee smooth spindle guiding



Flanges according to EN 1092-2, drilled to DIN 2501-PN 25 (standard);
For DIN 2501-PN 16 in sizes of DN 200 mm and above please specify on order - other standards on request !

E2 Valve Flanged Ends „PN 25”

Standard version: without handwheel and extension spindle

Design versions: for electric actuator: Nr. 4000ELE2;
with position indicator: No. 4000STE2

Special versions: on request!

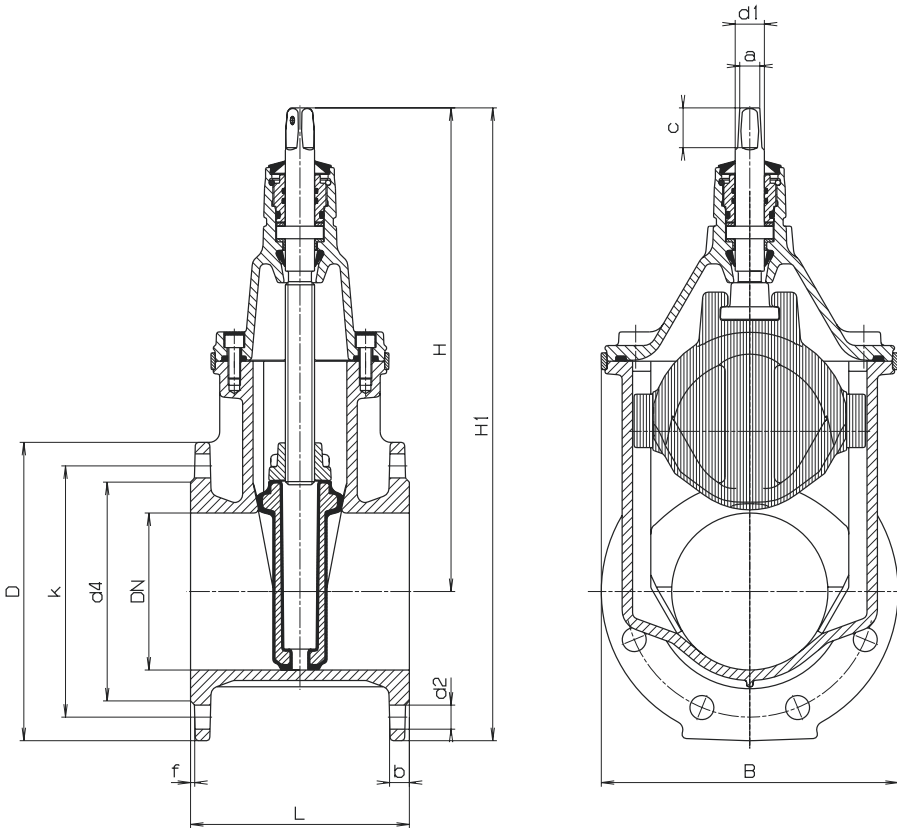
Suitable accessories: **Handwheel:** No. 7800

Extension Spindles: rigid No.9000E2, for DN 250 and above No. 9000 telescopic No. 9500E2, for DN 250 No. 9500

Surface Boxes: rigid No. 1750, telescopic No. 2050

Design features:

- easiest retrofitting of position indicator and automatic actuator on the standard bonnet possible
- one extension spindle for several dimensions
- optimally placed wedge guide of wear resistant plastic guarantees lowest wear and tear and lowest closing torques, suitable for frequent operations at a differential pressure up to 25 bar
- 100 % suitable for operation by automatic actuators
- generous oversizing of the required thread length in the wedge nut guarantees highest possible breaking torques
- O rings embedded in non-corrosive material (according to DIN 3547-T1)
- replaceable O rings
 - up to DN 200 under pressure (according ISO 7259)
 - from DN 250 without pressure
- cleaning with pig possible



DN	PN	Flange					Bolts			Spindle			Valve				Weight kg		
		D	b	k	d 4	f	Qty.	Thread	d 2	a	c	d1	H	H1	L		B	short	long
															short	long			
50	25	165	19	125	98	3	4	M 16	19	14,8	30	22	260	342	150		143	11,0	
65		185	19	145	118	3	8	M 16	19	17,3	35	25	328	420	170		180	17,0	
80		200	19	160	133	3	8	M 16	19	17,3	35	25	336	436	180		180	18,5	
100		235	19	190	153	3	8	M 20	23	19,3	38	25	373	480	190		213	24,5	
125		270	19	220	183	3	8	M 24	28	19,3	38	28	450	585	200		285	35,0	
150		300	19	250	209	3	8	M 24	28	19,3	38	28	462	602	210	350	285	40,5	49,0
200		360	20	310	264	3	12	M 24	28	24,3	48	32	563	743	230	400	357	64,0	81,0
250		425	24,5	370	330	3	12	M 27	31	27,3	48	34	670	883		450	432		136,0
300		485	27,5	430	389	4,5	16	M 27	31	27,3	48	34	753	996		500	518		196,0