

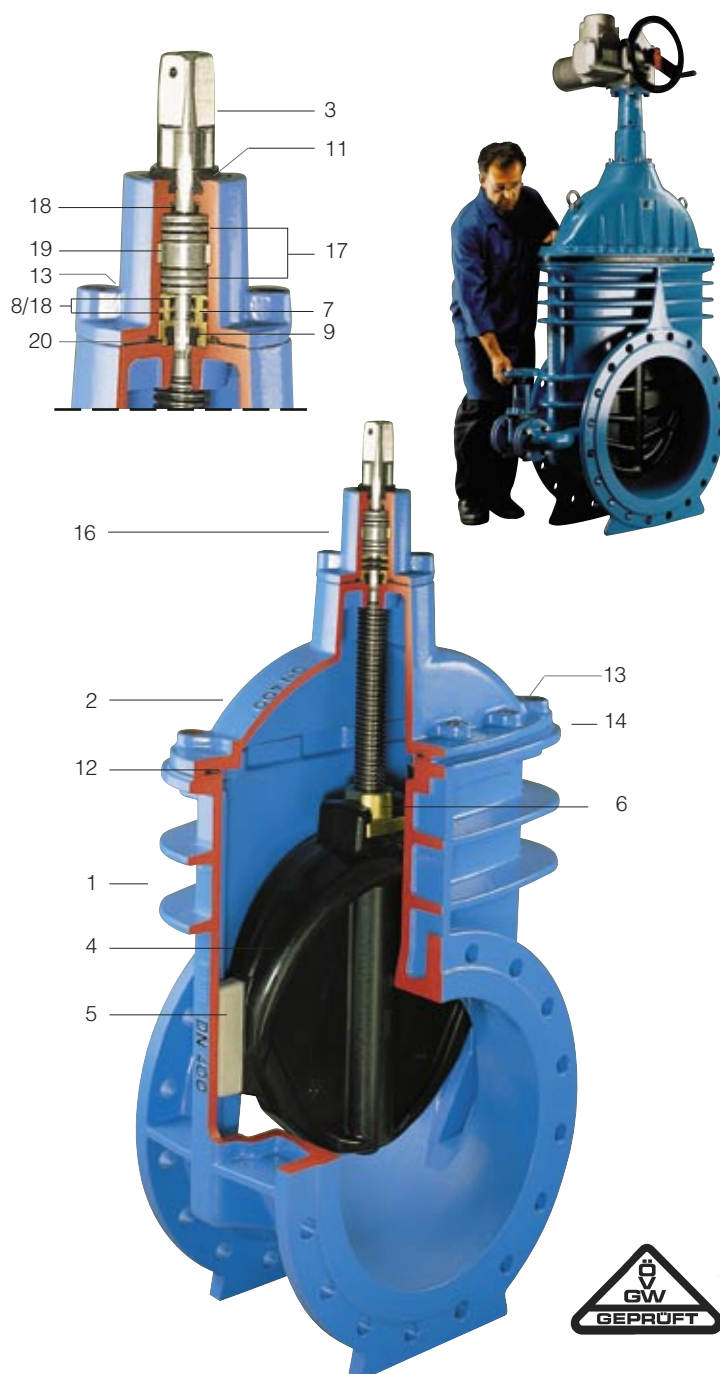
Order no.	Face-to-face dimension	Application	PN	Dimensions/DN							
				250	300	350	400	450*	500*	500	600
4000E2	short (DIN 3202 F 4) EN 558-1 GR 14	Water non aggressive effluent other applications on request!	16	●	●	●	●			●	●
4700E2	long (DIN 3202 F 5) EN 558-1 GR 15			●	●		●	●	●	●	●
4060E2	to BS 5163			●	●						

* Body: DN 400 - flange connection: DN 450 or 500

Resilient seated gate valve with smooth straight-through bore

Material and design features:

- 1/2/16 **Body (1), Bonnet (2) and Center housing (16)** 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 cast iron EN-GJS-400-18 according to EN 1563 (GGG 400 - DIN 1693), fully rubberized with vulcanized 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
- 8/18 **O rings (8), sealing rings (18)** of elastomer, embedded in non-corrosive material (according to DIN 3547-T1) and replaceable without pressure
- 9 **Back seal** of elastomer, suitable for potable water
- 11 **Wiper ring** of elastomer, suitable for potable water
- 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
- 17 **Ball bearing**
- 19 **Center ring** of POM
- 20 **Center housing gasket** of elastomer, suitable for potable water



Flanges according to EN 1092-2, drilled to DIN 2501-PN10 (standard);
For DIN 2501-PN 16 please specify on order - other standards of request !

E2 Elypso Valve Flanged Ends DN 250-600

Standard version:

without handwheel and extension spindle

Design versions:

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

Special versions:

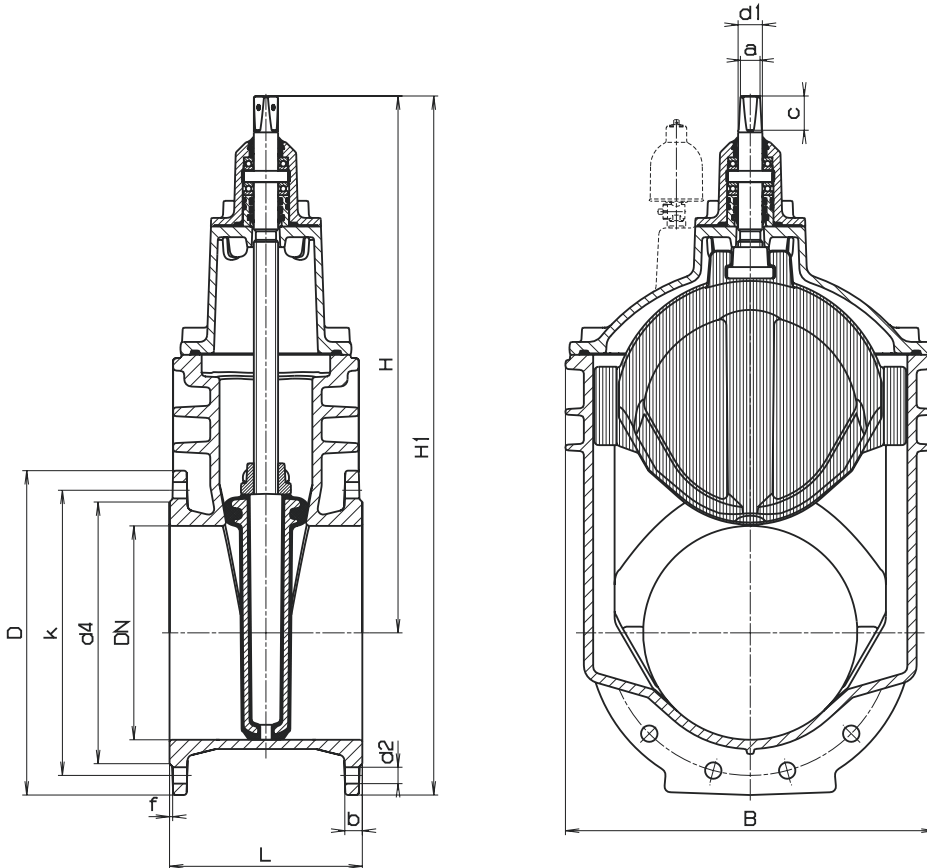
on request!
- for DN 500/DN 600 - angular gear drive
- type with bypass available!
- air release valve; for small air volume in the bonnet !
(not for the main pipeline !)

Suitable accessories:

Handwheel: No. 7800
Extension Spindles: rigid No. 9000
telescopic No. 9500
Surface Boxes: rigid No. 1750, telescopic No. 2050

Design features:

- can be easily actuated without by-pass and without power assist - even at a differential of 16 bar
- 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 16 bar
- 100 % suitable for operation by automatic actuators
- generous oversizing of the required thread length in wedge nut guarantees highest possible breaking torques
- O rings embedded in non-corrosive material (according to DIN 3547-T1)
- replaceable O rings without pressure
- spindles borne in ball bearings permit minimum closing forces
- for attaching in actuator or a position indicator: take off centering flange and put on position indicator or actuator with louver
- 100% suitable for underground installation
- 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	BS 5163
															short	long	BS 5163				
250	10	400	22	350	319	3	12	M 20	23	27,3	48	34	670	870	250	450	330	432	100,0	121,0	104,0
	16			355				M 24	28												
300	10	455	24,5	400	367	4	12	M 20	23	27,3	48	34	753	981	270	500	356	518	147,0	170,0	153,5
	16			410				M 24	28												
350	10	520	26,5	460	427	4	16	M 20	23	27,3	48	34	838	1098	290			604	205,0		
	16			470				M 24	28												
400	10	580	28	515	477	4	16	M 24	28	32,3	55	44	974	1264	310	600		687	261,0	300,0	
	16			525				M 27	31												
450*	10	640	30	565	530	4	20	M 24	28	32,3	55	44	974	1310		650		687		332,0	
	16			585				M 27	31												
500*	10	715	31,5	620	582	4	20	M 24	28	32,3	55	44	974	1345		700		687		371,0	
	16			650				M 30	34												
500	10	715	31,5	620	582	4	20	M 24	28	36,3	66	50	1220	1578	350	700		800	479,0	542,0	
	16			650				M 30	34												
600	10	840	36	725	720	5	20	M 27	31	36,3	66	50	1377	1797	390	800		944	710,0	810,0	
	16			770				M 33	37												

* Body: DN 400 - flange connection: DN 450 &/or 500