for GAS according to EN 437

GW GEPRÜFT
REG. NR. G 1.475

The prescribed pressure test for gas valves will be attested by certificate in accordance with DIN 50049 (EN 10204) - 3.1.B.

Order no.	PN	Dimensions/DN The valve is sized in accordance with the smaller flange											
		100 65	100 80	150 80	125 100	150 100	200 100	200 150	250 150	300 150	250 200	300 200	300 250
4155E2	16	●	●	●	●	●	●	●	●	●	●	●	●

Resilient seated gate valve with unequal flange sizes

of ductile iron
epoxy powder coated

This **E2 Elypso Reducing Valve** is a valve and a reducing connector in one piece. This feature offers major material and space saving benefits, particularly at junctions and branches where a reduction is needed.

The E2 Elypso Reducing Valves when used in conjunction with the Hawle cross connection fittings enable crossing points to be designed with excellent savings in the number of joints and fittings, and in labour and stock holding costs.

Material and design features:

1/2 **Body (1) and 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, 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 elastomer - DIN 3535, 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 according to prEN 1171 guarantees highest possible breaking torques

7 **O ring bush** of Ms 58

8 **O rings** of elastomer - DIN 3535, embedded in non-corrosive material (according to DIN 3547-T1) and replaceable under pressure up to DN 200 (according to ISO 7259), for DN 250 and higher without pressure

9 **Back seal** of elastomer - DIN 3535

10 **Circlip** of POM

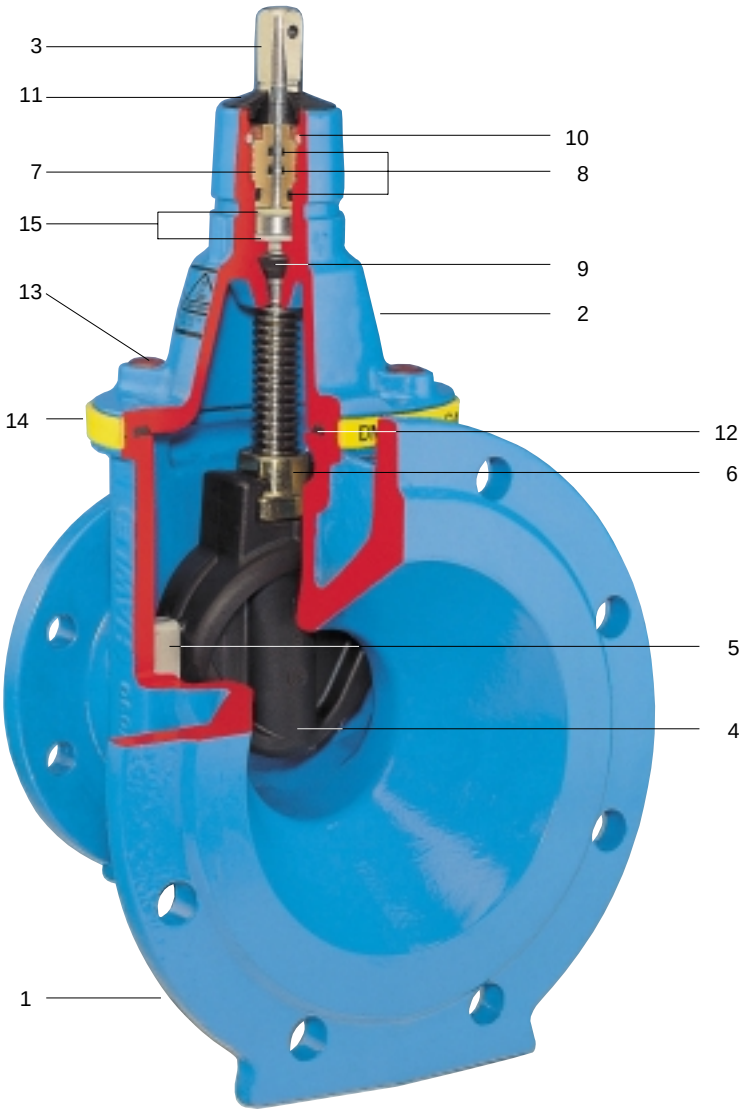
11 **Wiper ring** of elastomer

12 **Bonnet gasket** of elastomer - DIN 3535

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 (DIN 28605), drilled to DIN 2501 - PN 10 (standard);
For DIN 2501-PN 16 in sizes of DN 200 mm and above please specify on order - other standards of request !

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E2 Elypso Reducing Valve

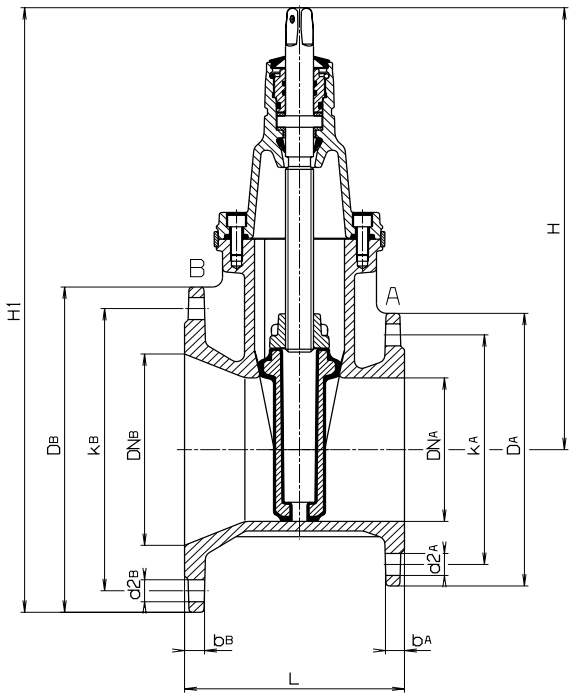
Standard version: without handwheel and extension spindle

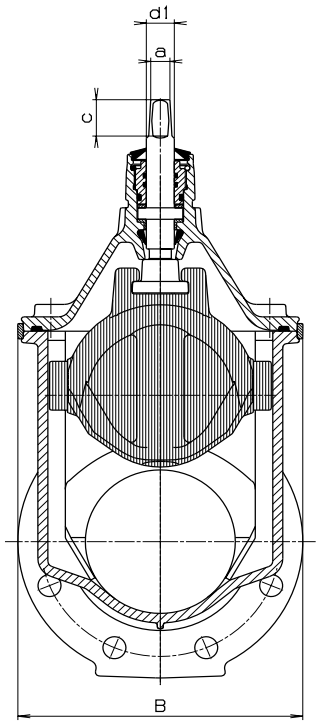
Design versions: for electric actuator: No. 4155EL*E2*;
with position indicator: No. 4155ST*E2*

Special versions: **on request**

Suitable accessories:
Handwheel: No. 7800
Extension spindle: rigid No. 9000*E2*, for DN 250 and higher No. 9000
telescopic No. 9500*E2*, for DN 250 and higher Nr. 9500

Surface Boxes: rigid No. 1755, telescopic No. 2055





Design features:

- easy retrofitting of position indicator and automatic actuator on the standard bonnet
- 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 16 bar
- 100% suitable for operation by automatic actuators
- generous oversizing of the required thread length in the wedge nut according to prEN 1171 guarantees highest possible strength
- 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

The valve is sized in accordance with the smaller flange

n_{B^*}, n_{A^*}= bolts per flange

DN	PN	Valve				Spindle			Flange B					Flange A					Weight kg
		H	H 1	L	B	a	c	d 1	D_B	b_B	k_B	$d2_B$	n_{B^*}	D_A	b_A	k_A	$d2_A$	n_{A^*}	
100 - 65	10 16	328	438	180	180	17,3	35	25	220	19,0	180	19	8	185	19	145	19	4	19,0
100 - 80	10 16	336	446	190	180	17,3	35	25	220	19,0	180	19	8	200	19	160	19	8	20,0
150 - 80	10 16	336	479	200	180	17,3	35	25	285	19,0	240	23	8	200	19	160	19	8	24,0
125 - 100	10 16	373	498	200	213	19,3	38	25	250	19,0	210	19	8	220	19	180	19	8	25,5
150 - 100	10 16	373	516	210	213	19,3	38	25	285	19,0	240	23	8	220	19	180	19	8	28,0
200 - 100	10 16	373	543	210	213	19,3	38	25	340	20,0	295	23	8 12	220	19	180	19	8	32,0
200 - 150	10 16	462	632	220	285	19,3	38	28	340	20,0	295	23	8 12	285	19	240	23	8	46,5
250 - 150	10 16	462	662	230	285	19,3	38	28	400	22,0	350 355	23 28	12	285	19	240	23	8	52,5
300 - 150	10 16	462	690	240	285	19,3	38	28	455	24,5	400 410	23 28	12	285	19	240	23	8	57,0
250 - 200	10 16	563	763	240	357	24,3	48	32	400	22,0	350 355	23 28	12	340	20	295	23	8 12	68,0
300 - 200	10 16	563	791	250	357	24,3	48	32	455	24,5	400 410	23 28	12	340	20	295	23	8 12	74,0
300 - 250	10 16	670	898	260	432	27,3	48	34	455	24,5	400 410	23 28	12	400	22	350 355	23 28	12	105,5