E2 Elypso Valve with steel tails

for use with steel piping according to DIN 2470

for GAS according to EN 437

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 80	100	150	200
NL90*E2*	4	●	●	●	●

Two non-removeable steel tails are secured in the sockets of a resilient seated valve.

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 (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 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 (according to ISO 7259)

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

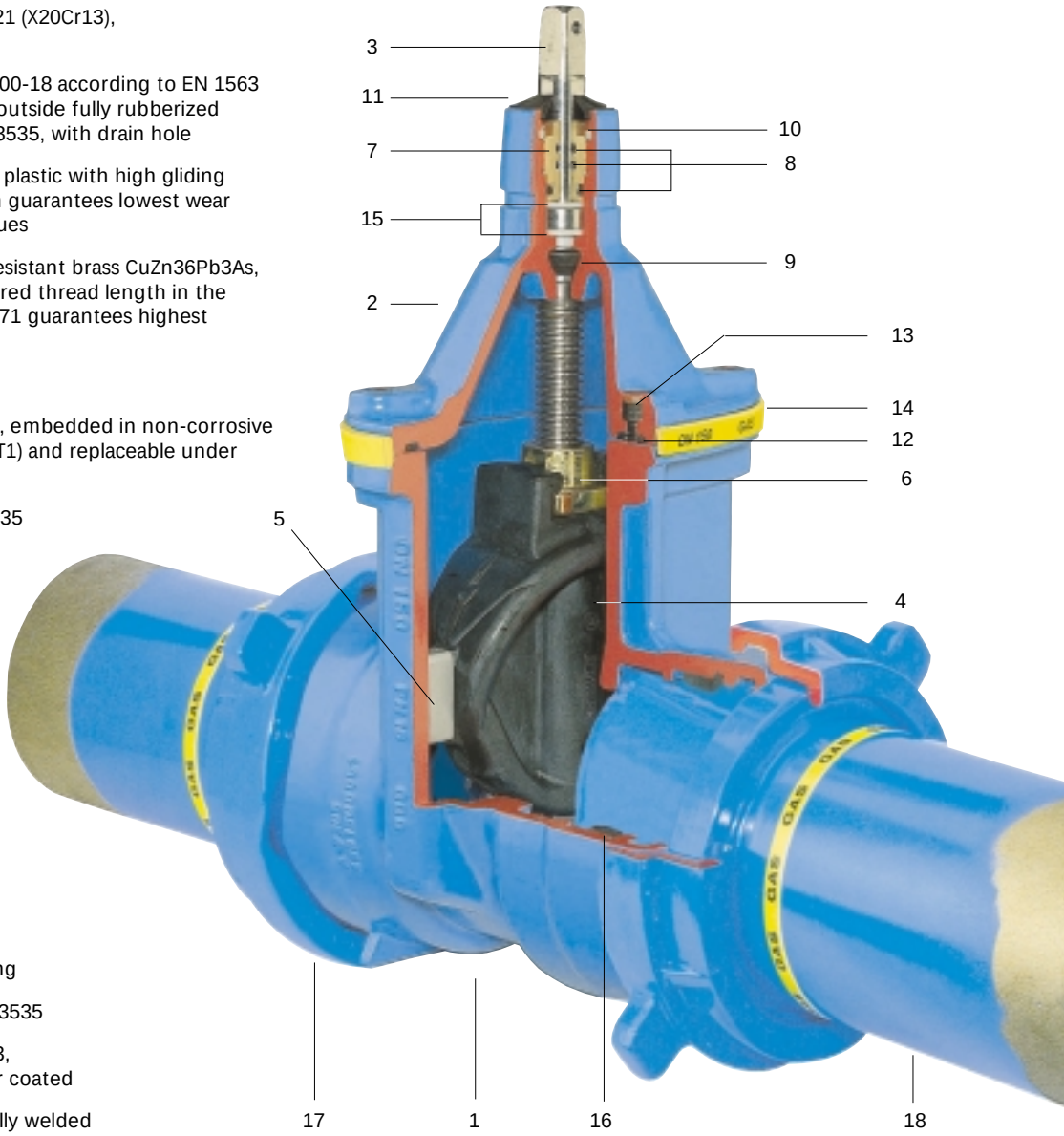
14 **Edge protecting ring** of PE avoids damages during transport and storage

15 **Friction washers** of POM guarantee smooth spindle guiding

16 **Socket seal** of elastomer - DIN 3535

17 **Lock ring** of GGG 400 - DIN 1693, inside and outside epoxy powder coated

18 **Steel welding tails** longitudinally welded steel pipe - DIN 2470, epoxy powder coated



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E2 Elypso Valve with steel tails

Standard version: with two non-removeable steel welding tailss
without handwheel and extension spindle

Special versions: **on request**

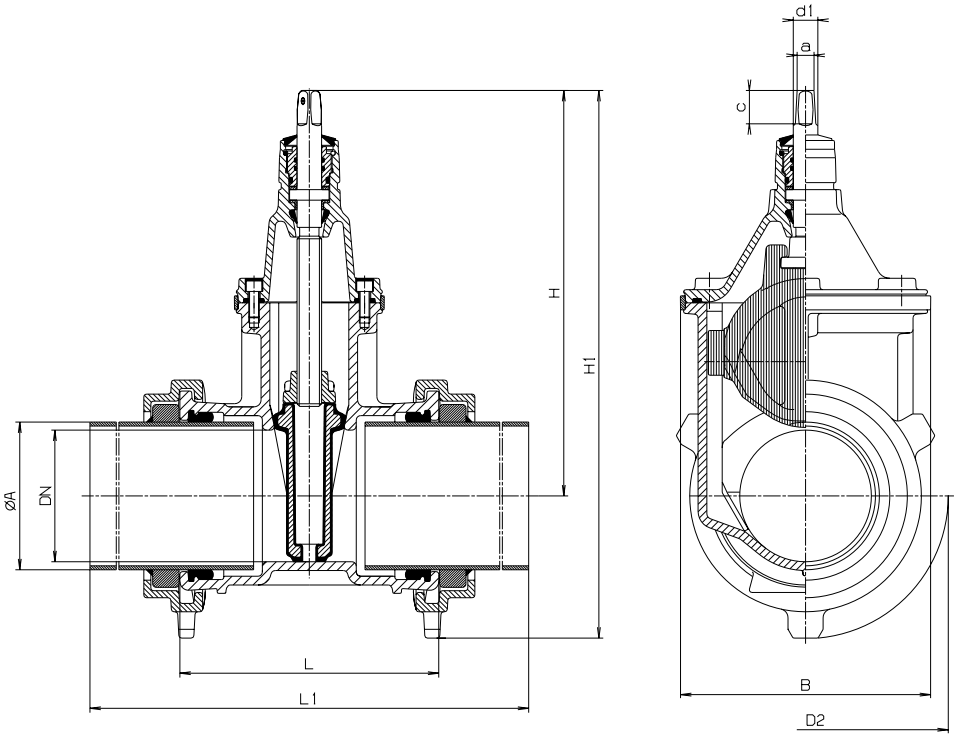
Suitable accessories: **Handwheel:** No. 7800

Extension Spindle:
rigid No. 9000*E2*
telescopic No. 9500*E2*

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
under pressure (according ISO 7259)



DN	Ø A	Valve with welding tails						Spindle			Weight kg
		H	H 1	L	L 1	B	D 2	a	c	d 1	
80	88,9	336	456	300	840	180	240	17,3	35	25	31,0
100	114,3	373	505	300	840	213	264	19,3	38	25	40,0
150	168,3	462	624	340	900	285	324	19,3	38	28	70,0
200	219,1	563	757	365	935	357	388	24,3	48	32	118,0