

To DIN 3537 and DIN 3230 part 5
For fusion welded installation in PE-gas pipes at max. working pressure 10 bar, SDR 11
Stem sealing exchangeable under pressure

Use:

For gas to min. -20°C
 PE-pipe material to max. 20°C

Tests:

Valve Hydraulic test to DIN 3230 part 4:

Body: 0.5 bar air (PG3)
 1.5 x PN water (PG3)
 1.1 x PN air (PG3)

Seat: 0.5 bar air (PG3)
 1.1 x PN air (PG3)

Air test to DIN 3230 part 5: 1.1 x PN
 Operating torque test
 Pipe joints air test to: 1.5 x PN-pipes

Optional extras:

Handwheel
 Extension spindle
 Stem cap
 Foundation

Approvals:

DVGW approval

Materials:

Body and bonnet	Ductile iron, GGG-50, to DIN 1693 (BS 2789 grade 500 - 7)
Coating *)	Electrostatically applied epoxy resin to DIN 30677 and GSK guide lines - internally and externally
Stem	Stainless steel, DIN X 20 Cr 13
Stem sealing	NBR wiper ring, 4 NBR O-rings, NBR rubber manchette
Stem seal nut	Dezincification resistant brass, CZ 132 to BS 2872
Wedge	Ductile iron, GGG-50, core fully encapsulated with NBR rubber with integral wedge nut of dezincification resistant brass, CZ 132 to BS 2874
Thrust collar	Dezincification resistant brass, CZ 132 to BS 2872
Bonnet bolts	Stainless steel A2, sealed with hot melt
Bonnet gasket	NBR rubber
Sleeves	St 52 to DIN 2448/1629
Shrink hose	Plastic to DIN 30672
Pipes	Orange PE 100 / PN 16 gas pipe, SDR 11 DN 250 / 300 black w. orange or similar

*) Also available with polyurethane (PUR) tar externally



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Component list

1. Stem

2. Wiper ring

3. Stem seal nut

4. NBR O-ring

5. Bonnet

6. Thrust collar

7. Rubber manchette

8. Bonnet bolt
9. Bonnet gasket

10. Wedge nut

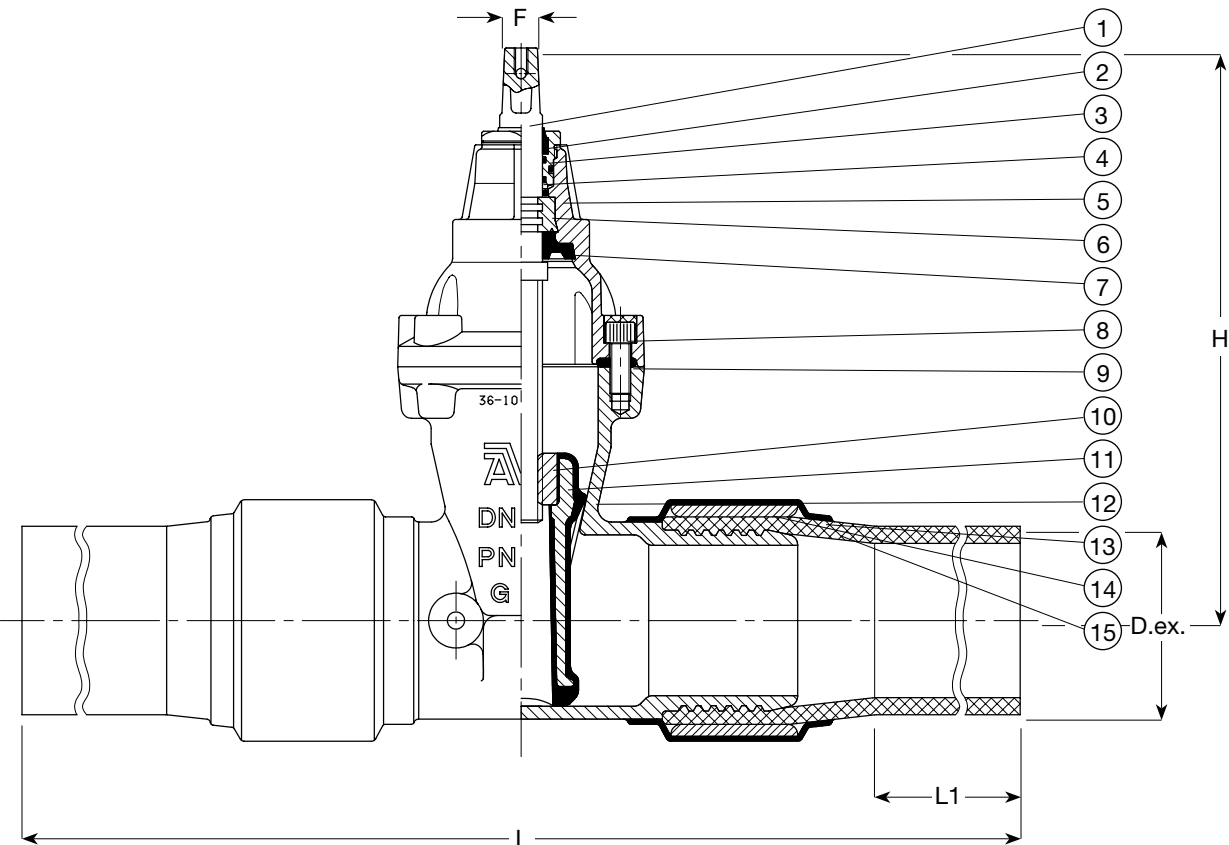
11. Wedge

12. Body

13. Sleeve

14. Shrink hose

15. Pipe



Ref. nos.	DN	PE-pipe D.ex. mm	L mm	L1 mm	H mm	F mm	Weight kilos
36-090-90703037	80	90	900	255	297	17	20.0
36-110-90703037	100	110	900	265	334	19	27.0
36-125-90703037	125	125	1100	300	376	19	39.0
36-160-90703037	150	160	1100	265	448	19	52.0
36-180-90703037	150	180	1100	265	448	19	58.0
36-200-90703037	200	200	1120	300	562	24	88.0
36-225-90703037	200	225	1100	265	562	24	91.0
36-250-90703037	250	250	1262	300	664	27	118.0
36-280-90703037	250	280	1350	365	664	27	126.0
36-315-90703037	300	315	1350	365	740	27	192.0