



## AVK GATE VALVE WITH PE-PIPES PN16

36/80

To EN 1074-2

For fusion welded installation in PE water pipes to AS/NZ 4310

### Use:

- For water, sewage and neutral liquid applications
  - Valve designed for use up to 70°C
  - PE-pip material to max. 20°C
- Note: Always observe pipe material recommended operating temperatures

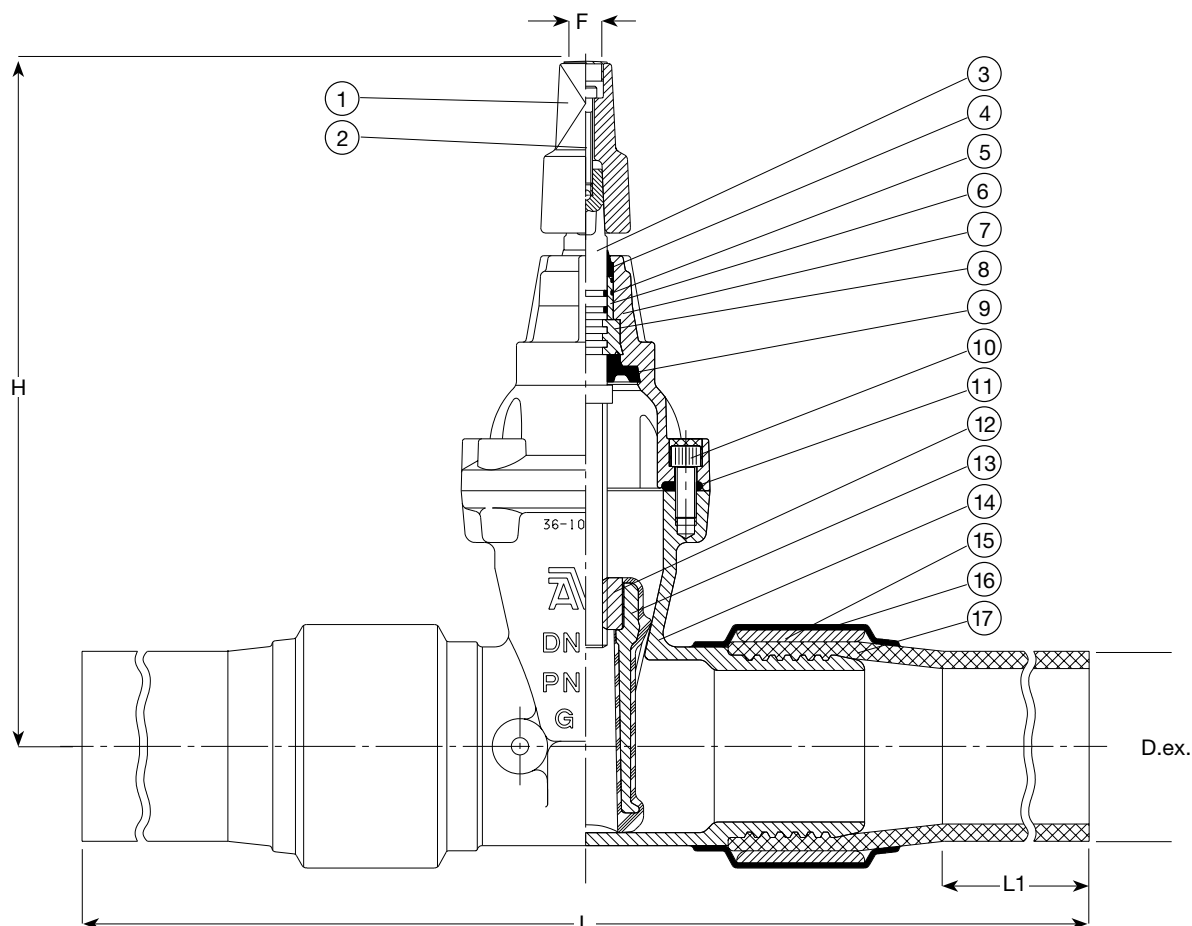
### Tests:

- Valve Hydraulic test to DIN 3230 part 4:
  - Seat: 1.1 x PN
  - Body: 1.5 x PN
  - Operating torque test

### Optional Extras:

- Handwheel
- Cream coloured stem cap for pressure sewer applications





## Component list

|                     |                                                                          |                   |                                                               |
|---------------------|--------------------------------------------------------------------------|-------------------|---------------------------------------------------------------|
| 1. Stem cap         | Ductile Iron, 500-7 to AS 1831                                           | 10. Bonnet bolt   | Stainless Steel A2, sealed with hot melt                      |
| 2. Bolt             |                                                                          | 11. Bonnet gasket | EPDM rubber                                                   |
| 3. Stem             | Stainless Steel, DIN X 20 Cr 13                                          | 12. Wedge nut     | Dezincification resistant brass, CZ 132 to BS 2874            |
| 4. Wiper ring       | NBR                                                                      | 13. Wedge         | Ductile iron, GGG-50, core fully vulcanised with EPDM rubber  |
| 5. O-ring           | NBR                                                                      | 14. Body          | Ductile Iron, GGG-50, GJS-500 to EN 1563 (GGG-50 to DIN 1693) |
| 6. Bearing          |                                                                          | 15. Sleeve        | St 52 to DIN 2448/1629                                        |
| 7. Bonnet           | Ductile Iron, GGG-50, GJS-500 to EN 1563 (GGG-50 to DIN 1693)            | 16. Shrink hose   | Plastic to DIN 30672                                          |
| 8. Thrust collar    | Dezincification resistant brass, CW602N to EN 12165 (CZ132 nach BS 2874) | 17. Pipe          | PE-water pipes to BS 3284 (DIN 8074, DS 2119)                 |
| 9. Rubber manchette | EPDM                                                                     |                   |                                                               |

Components can be substituted with equivalent or higher class materials.

## Reference nos. and dimensions

| AVK ref. nos.<br>CC      | AVK ref. nos.<br>ACC | DN<br>mm | PE-pipe<br>D.ex<br>mm | L<br>mm | L1<br>mm | H<br>mm | F<br>mm | Weight<br>kilos |
|--------------------------|----------------------|----------|-----------------------|---------|----------|---------|---------|-----------------|
| 36-063-801634            | 36-063-801635        | 50       | 60                    | 880     | 300      | 213     | 12      | 7               |
| 36-075-801634            | 36-075-801635        | 65       | 75                    | 865     | 300      | 271     | 17      | 12              |
| Refer to 36-81 Datasheet |                      | 80       | 90                    |         |          |         |         |                 |
| Refer to 36-81 Datasheet |                      | 100      | 110                   |         |          |         |         |                 |
| Refer to 36-81 Datasheet |                      | 125      | 125                   |         |          |         |         |                 |
| Refer to 36-81 Datasheet |                      | 125      | 140                   |         |          |         |         |                 |
| Refer to 36-81 Datasheet |                      | 150      | 160                   |         |          |         |         |                 |
| Refer to 36-81 Datasheet |                      | 150      | 180                   |         |          |         |         |                 |
| Refer to 36-81 Datasheet |                      | 200      | 200                   |         |          |         |         |                 |
| 36-225-801634            | 36-225-801635        | 200      | 225                   | 1200    | 300      | 562     | 24      | 91              |
| 36-250-801634            | 36-250-801635        | 250      | 250                   | 1262    | 300      | 664     | 27      | 118             |
| 36-280-801634            | 36-280-801635        | 250      | 280                   | 1262    | 300      | 664     | 27      | 126             |
| 36-315-801634            | 36-315-801635        | 300      | 315                   | 1316    | 300      | 740     | 27      | 140             |