

## Gate Valves with Spigot Ends - Series 32/10

AVK gate valves with spigot ends are very suitable in asbestos cement pipe installations, as the spigot ends fit in the REKA couplings, which are used for connecting the pipes.

The REKA couplings are provided with rubber sealings in both ends. The pipe end and the valve end are pushed into this coupling without any use of tools or bolts.

- GGG-50
- DN 80 - 300



Front Page

Products

- Water
- Asbestos-cement pipes



## Description of series 32/10 Gate valve for water

Resilient seated gate valve.

With spigot ends for asbestos cement pipes to ISO class 18.

Body and bonnet of GGG-50. DN 80 - 300. PN 16.

Wedge of ductile iron with fixed wedge nut, fully vulcanized with EPDM rubber.

Stem of stainless steel 1.4021 with rolled threads and wedge stop ring. The stem sealing consists of a rubber manchette, 4 O-rings in a nylon bearing and a wiper ring. Bonnet gasket in groove between body and bonnet.

Countersunk bonnet bolts encircled by the bonnet gasket and sealed with hot melt.

Epoxy coating to DIN 30677 - internally and externally.

Like AVK series 32/10 or approved equivalent.



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**Products**

- **Water**
- **Asbestos-cement pipes**



To DIN 3352 part 4  
With spigot ends for asbestos cement pipes to ISO class 18

**Use:**

For water, sewage and neutral liquids to max. 70°C

**Tests:**

Hydraulic test to DIN 3230 part 4:

Seat: PN  
Body: 1.5 x PN

Operating torque test

**Optional extras:**

Handwheel  
Extension spindle  
Stem cap

**Materials:**

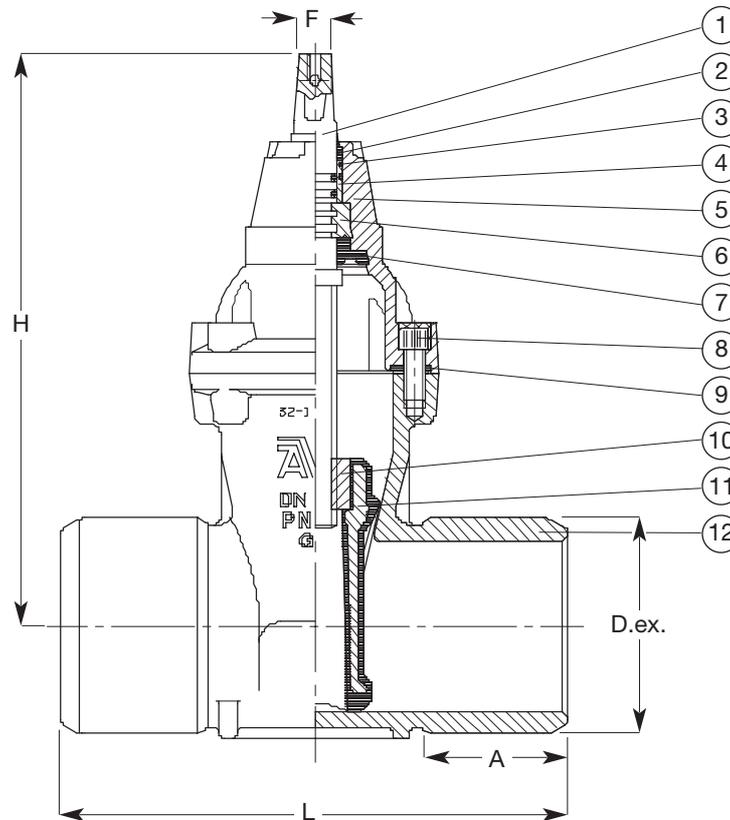
|                 |   |
|-----------------|---|
| Body and bonnet | Ductile iron, GGG-50, to DIN 1693 (BS 2789 grade 500 - 7)   |
| Coating         | Electrostatically applied epoxy resin to DIN 30677 - Internally and externally  |
| Stem            | Stainless steel, DIN X 20 Cr 13   |
| Stem sealing    | NBR wiper ring, 2 NBR O-rings inside and 2 outside a plastic bearing, EPDM rubber manchette   |
| Wedge           | Ductile iron, GGG-50, core fully vulcanised with EPDM 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   | EPDM rubber   |



To DIN 3352 part 4  
With spigot ends for asbestos cement pipes to ISO class 18

**Component list**

- |                   |                          |
|-------------------|--------------------------|
| 1. Stem           | 7. EPDM rubber manchette |
| 2. NBR wiper ring | 8. Bonnet bolt           |
| 3. NBR O-ring     | 9. Bonnet gasket         |
| 4. Bearing        | 10. Wedge nut            |
| 5. Bonnet         | 11. Wedge                |
| 6. Thrust collar  | 12. Body                 |



| Ref. nos     | DN  | D.ex.<br>mm | A<br>mm | L<br>mm | H<br>mm | F<br>mm | Weight<br>kilos |
|--------------|-----|-------------|---------|---------|---------|---------|-----------------|
| 32-080-10016 | 80  | 106         | 85      | 278     | 297     | 17      | 12              |
| 32-100-10016 | 100 | 126         | 85      | 294     | 334     | 19      | 17              |
| 32-150-10016 | 150 | 178         | 95      | 348     | 448     | 19      | 35              |
| 32-200-10016 | 200 | 234         | 120     | 418     | 562     | 24      | 55              |
| 32-225-10016 | 225 | 255         | 120     | 418     | 562     | 24      | 67              |
| 32-250-10016 | 250 | 288         | 140     | 466     | 664     | 27      | 79              |
| 32-300-10016 | 300 | 344         | 150     | 520     | 740     | 27      | 108             |