AVK GATE VALVE PN16 WITH DN100 BYPASS

To DIN 3350 part 4 / BS 5163 Type B. Stem sealing exchangeable under pressure
Face to face dimension to EN 558-1: 1991 / DIN 3202 part 1, F5
Flange drilling to AS 4087 Fig B5. Gland flange to ISO 5210: 1991

Use:
- For water, sewage and neutral liquid applications
- Valve designed for use up to 70°C
- Where applicable; for AS 4020 compliance, max temp = 40°C
  Note: Always observe pipe material recommended operating temperatures

Tests:
- Hydraulic test to AS 2638.2:
  - Seat: 17.6 bar
  - Body: 24 bar
  - Operating torque test

Optional Extras:
- Stem cap
- Gearbox with stem cap
- Gearbox with handwheel
- Electric actuator
- User specified flange drilling
- Without bypass arrangement (i.e. blanked off)
- With DN80 valve in bypass arrangement
Component list

1. Wiper Ring  
   - NBR

2. Gland flange bolt  
   - Grade 8.8 fully encapsulated  
   - with hot melt glue

3. Bearing  
   - Polyamid

4. Stem seal O-ring  
   - NBR rubber

5. Gland flange O-ring  
   - NBR rubber

6. Thrust collar  
   - Dezincification resistant brass, CZ 132  
   - to AS 2345

7. Stem/Bonnet O-ring  
   - EPDM rubber

8. Bonnet  
   - Ductile Iron, grade 500-7 to AS 1831

9. Bonnet gasket  
   - EPDM rubber

10. Wedge nut  
    - Dezincification resistant brass, CZ 132  
    - to AS 2345

11. Wedge  
    - Ductile Iron, grade 500-7, core fully vulcanised with EPDM rubber

12. Body  
    - Ductile Iron, grade 500-7 to AS 1831

13. Stem  
    - Stainless Steel 431

14. Gland flange  
    - Ductile Iron, grade 500-7 to AS 1831

15. Lifting eye  
    - Zinc plated steel

16. Bonnet bolt  
    - Grade 8.8 fully encapsulated  
    - with hot melt glue

Components can be substituted with equivalent or higher class materials.

Reference nos. and dimensions

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<th>DN mm</th>
<th>L mm</th>
<th>H mm</th>
<th>D mm</th>
<th>Dh mm</th>
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<th>A mm</th>
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Refer to 55/80 Datasheet for DN600

The designs, materials and specifications shown are subject to change without notice due to the continuous development of our product program.