AVK GATE VALVE PN16

To AS 2638.2 - DN600 with DN150 bypass
Face to face dimension to AS 2638.2
Flanged and drilled to AS 4087 Fig. B5. Gland flange to ISO 5210 - F16

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: 16 bar
  - Body: 24 bar
  - Operating torque test

Optional Extras:
• Handwheel
• Gearbox
• Electric actuator
• Without DN150 bypass arrangement (i.e. blanked off)
Component list

1. Body  Ductile Iron, 500-7 to AS 1831
2. Wedge  Ductile Iron, grade 500-7, core fully vulcanised with EPDM rubber
3. Bonnet  Ductile Iron, 500-7 to AS 1831
4. Bonnet gasket  EPDM rubber
5. Stem  Stainless Steel 431
6. Thrust collar  Stainless Steel 316
7. Thrust washer  Stainless Steel 316
8. Thrust bearing  Cylindrical roller thrust bearing
9. O-ring  EPDM rubber
10. Wiper ring  NBR
11. O-ring  EPDM rubber
12. Bonnet bolt  Stainless Steel 316 fully encapsulated with hot melt glue
13. Key  Stainless Steel 316
14. Stem cap - main valve  Ductile Iron, 500-7 to AS 1831
15. Bypass gasket  EPDM rubber
16. Bolt, nut & washer  Stainless Steel 316
17. Bypass valve  To AS 2638.2. Refer to series 57/90 Datasheet
18. Elbow  Ductile Iron, 500-7 to AS 1831
19. Stem cap-bypass valve  Ductile Iron, 500-7 to AS 1831

Components can be substituted with equivalent or higher class materials.

Reference nos. and dimensions

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<th>AVK ref. nos.</th>
<th>Closure</th>
<th>DN mm</th>
<th>L mm</th>
<th>H mm</th>
<th>D mm</th>
<th>Dh mm</th>
<th>Holes no.</th>
<th>A mm</th>
<th>A1 mm</th>
<th>Weight kilos</th>
<th>Keyway mm</th>
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The designs, materials and specifications shown are subject to change without notice due to the continuous development of our product program.