AVK GATE VALVE PN 16

To AS 2638.2. Stem sealing exchangeable under pressure
Flange drilling to AS 4087 Fig. B5. Gland flange to ISO 5210: 1991

Use:
For water, neutral liquids and waste water 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:
Hydrostatic test to AS 2638.2
Seat: 16 bar
Body: 24 bar
Operating torque test

Optional extras:
Stem cap
Gearbox with stem cap
Gearbox with handwheel
Electric actuator
User specified flange drilling

Materials:
Body, bonnet and gland flange
Body, bonnet and gland flange
Coating
Ductile iron, grade 500 - 7 to AS 1831
Internally and externally to AS 4158
Stainless steel 431
Stem
NBR wiper ring, 2 NBR O-rings
Bearing
Polyamid
Wedge
Ductile iron, grade 500 - 7, core fully vulcanised with EPDM rubber, with integral wedge nut of dezincification resistant brass, CZ 132 to AS 2345
Thrust collar
Deszincification resistant brass, CZ 132 to AS 2345
Bonnet bolts
Grade 8.8, sealed with hot melt
Bonnet gasket, stem/bonnet and O-ring
EPDM rubber
Gland flange
NBR rubber
O-rings
Stainless steel
Lifting eyes, stud bolts, nuts and washers
Gland flange bolts
Grade 8.8, sealed with hot melt

Materials:
Body, bonnet and gland flange
Coating
Stem
Bearing
Wedge
Thrust collar
Bonnet bolts
Bonnet gasket, stem/bonnet and O-ring
Gland flange
O-rings
Lifting eyes, stud bolts, nuts and washers
Gland flange bolts

AVK Australia’s website contains the latest product information and data sheets.
Designs, materials and specifications shown are subject to change without notice due to our continuing program of product development.
**AVK GATE VALVE PN 16**

To AS 2638.2. Stem sealing exchangeable under pressure
Flange drilling to AS 4087 Fig. B5. Gland flange to ISO 5210: 1991

---

**Component list**

1. Wiper ring
2. Gland flange bolt
3. Bearing
4. Stem seal O-ring
5. Gland flange O-ring
6. Thrust collar
7. Stem/Bonnet O-ring
8. Bonnet
9. Bonnet gasket
10. Wedge nut
11. Wedge
12. Body
13. Stem
14. Gland flange
15. Lifting eye
16. Bonnet bolt

---

**Ref. nos.**

Ref. nos. Ref. nos. L H D Dh Dt ds Holes ø d Weight Keyway

<table>
<thead>
<tr>
<th>Ref. nos.</th>
<th>Ref. nos. ACC</th>
<th>DN</th>
<th>L mm</th>
<th>H mm</th>
<th>B mm</th>
<th>Dh mm</th>
<th>Dt mm</th>
<th>ds mm</th>
<th>Holes no.</th>
<th>ø d mm</th>
<th>ø mm</th>
<th>Weight kilos</th>
<th>Keyway x mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>55-450-7405214061</td>
<td>55-450-7415214061</td>
<td>450</td>
<td>432</td>
<td>1130</td>
<td>640</td>
<td>584</td>
<td>552</td>
<td>26</td>
<td>12</td>
<td>40</td>
<td>80</td>
<td>633</td>
<td>65x12</td>
</tr>
<tr>
<td>55-500-7405214061</td>
<td>55-500-7415214061</td>
<td>500</td>
<td>457</td>
<td>1206</td>
<td>705</td>
<td>641</td>
<td>609</td>
<td>26</td>
<td>16</td>
<td>40</td>
<td>80</td>
<td>663</td>
<td>65x12</td>
</tr>
<tr>
<td>55-600-7405214061</td>
<td>55-600-7415214061</td>
<td>600</td>
<td>508</td>
<td>1329</td>
<td>825</td>
<td>756</td>
<td>717</td>
<td>30</td>
<td>16</td>
<td>40</td>
<td>80</td>
<td>828</td>
<td>65x12</td>
</tr>
</tbody>
</table>