AVK GATE VALVE PN16 WITH PE MECHANICAL COUPLING ENDS

To EN 1074-2
With tensile Supa Plus™ coupling for PE-pipe
For Polyethylene pipes PE100, PN16 - SDR11 to AS/NZ 4130

Use:
• For water, sewage and neutral liquid applications
• Total angular deflection of ±3.5 degrees per end
• For use in cold water applications

Tests:
• Hydraulic test to DIN 3230 part 4:
  - Seat: 1.1 X PN
  - Body: 1.5 X PN
  - Operating torque test

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

**Component list**

1. Wedge: Ductile Iron, GGG-50, core fully vulcanised with EPDM rubber
3. Wedge nut: Dezincification resistant brass, CZ 132 to BS 2874
4. Tensile sealing ring: Gun metal, DIN 17005 RG5 / EPDM rubber
6. Nut: Stainless Steel (AISI 316), A4 grade 80 PTFE coated
7. Square neck bolt: Stainless Steel, A2 grade 80
8. Cap: Ductile Iron 400-12 to AS 1831
9. Bonnet bolt: Stainless Steel A2, sealed with hot melt
10. Bonnet gasket: EPDM rubber
11. Hot melt
13. Stem seal
14. Thrust collar: Dezincification resistant brass, CZ 132 to BS 2872
15. O-ring: NBR
16. Bushing
17. O-ring: NBR
18. Wiper ring: NBR
19. Stem: Stainless Steel, DIN X 20 Cr 13

Components can be substituted with equivalent or higher class materials.

**Reference nos. and dimensions**

<table>
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<th>DN mm</th>
<th>OD PE</th>
<th>A mm</th>
<th>E mm</th>
<th>H mm</th>
<th>L mm</th>
<th>F mm</th>
<th>Number of bolts</th>
<th>Theoretic Weight kilos</th>
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