AVK RESILIENT SEAT GATE VALVE PN 16

To AS 2638.2

Stem sealing exchangeable under pressure

Face to face dimension to AS 2638.2

Flange and drilling to AS 4087 Figure B5 (AS 2129 Table D and Raised Face)

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 (Refer 57/48)

Materials:

Gland flange, body and bonnet: Ductile iron, 500-7 to AS 1831

Stem cap: Ductile iron, 400-12 to AS 1831

Coating: Fusion bonded epoxy resin - Internally and externally to AS 4158

Stem: Stainless steel 431

Stem sealing: NBR wiper ring, 3 NBR O-rings

Wedge: Ductile iron, 500-7 to AS 1831, core fully Vulcanised with EPDM rubber, with integral wedge nut of dezincification resistant brass, CZ 132 to AS 2345

Bushing: Polyamid

Thrust collar and stem seal box: Dezincification resistant brass, CZ 132 to AS 2345

Bonnet bolts: Grade 12.9, sealed with hot melt

Gland flange bolts: Stainless steel 316

Bonnet gasket: EPDM rubber

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.

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Certified Product
TM
Australian Standard
AS2638.2-2006
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SAI Global

DN 375 & 400
AVK RESILIENT SEAT GATE VALVE PN 16

To AS 2638.2
Stem sealing exchangeable under pressure
Face to face dimension to AS 2638.2
Flange and drilling to AS 4087 Figure B5 (AS 2129 Table D and Raised Face)

Component list
1. Valve body
2. Wedge casting
3. Wedge rubber
4. Stem nut
5. Stem
6. Bonnet bolts
7. Bonnet gasket
8. Bonnet
9. Hot melt seal
10. O-ring seal
11. Stem collar
12. O-ring seal
13. Gland flange
14. Bushing
15. Washer
16. O-ring seals (2)
17. Gland bolts
18. Wiper ring
19. Stem cap
20. Stem cap bolt
21. Insert

Ref. nos. Ref. nos. L H Dt D Dh ds F Weight
CC       ACC          DN mm mm mm mm mm mm Holes mm kilos

Refer 57/90 Data Sheet 50
Refer 57/90 Data Sheet 65
Refer 57/90 Data Sheet 80
Refer 57/90 Data Sheet 100
Refer 57/90 Data Sheet 150
Refer 57/90 Data Sheet 200
Refer 57/90 Data Sheet 225
Refer 57/90 Data Sheet 250
Refer 57/90 Data Sheet 300

57-375-402X43120  57-375-403X43120  375 381 905 463 550 495 26.5 12 35 240
57-400-402X43120  57-400-403X43120  400 406 930 503 620 521 26.5 12 35 285

X: 5 = AS 4087 Table B5
6 = AS 2129 Table E