

AVK series 29 Squat hydrant



The AVK Series 29 Hydrant range has been designed to incorporate the technical and innovative features of the AVK Resilient Seat Gate Valve (manufactured to AS/NZS 2638.2). The only notable difference is that the Series 29 Hydrant does not have a male/female spindle.

The Series 29 Hydrant design incorporates a 316 Stainless Steel spindle straight on to the fully encapsulated ductile iron stopper to give a perfect seal every time.

The O-ring gland which is easily removed by un-tightening the three 316 Stainless Steel bolts, gives full access to the seal rings for changing while under pressure.

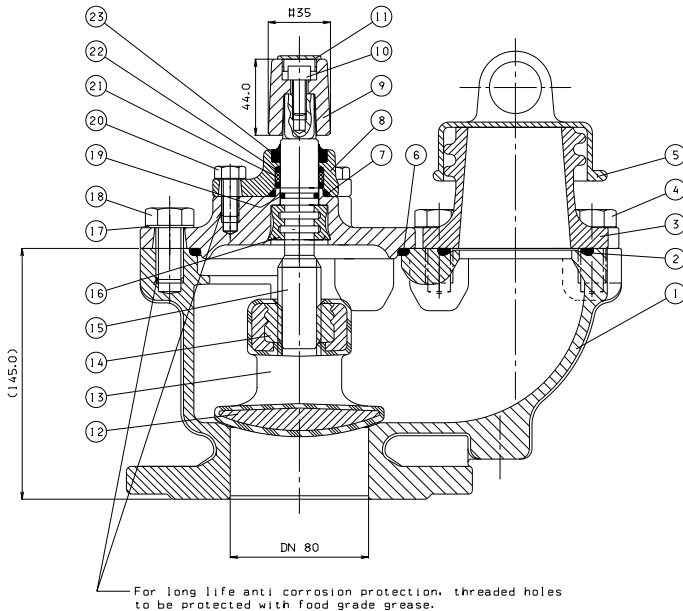
Features

- Compact design for shallow installations
- Resilient seated rubber stopper
- High strength, light weight Ductile Iron construction Grade 500 – 7
- 316 Stainless Steel fastenings (A4)
- Complies with BS 750:1984
- Internal and External coating to AS/NZS 4158:2003
- Four bolt outlet
- Rubber O-ring's
- Ductile Iron Gland with three 8mm bolts
- Hydrants available with frost/drain plugs
- Hydrostatically tested to 24 Bar (Body Test)
- Material components in Hydrant have been tested to AS 4020:2002

The AVR logo consists of the letters 'AVR' in a bold, blue, sans-serif font. The 'A' and 'V' are connected, and the 'R' is separate.

The HUMES logo features the word 'HUMES' in a white, bold, sans-serif font, slanted upwards, set against a blue oval background.

AVK series 29 Squat hydrant



Description

Resilient Seated, Non Rising Spindle, Flanged Fire Hydrant

Use

Fire Hydrant for use with potable or non potable water.

Testing

Assembled unit hydrostatically tested and certified to 2400 Kpa. (Body Test)

Stopper tested to 1600 Kpa.

Manufacturing Standard

Complies with BS 750:1984

Coating

AS/NZS 4158:2003

Direction of Closure

Clockwise Closing

Construction

| Component | Material | Specification |
|-----------------------|--------------------------------------|-----------------------|
| 1 Body Squat | Ductile Iron | AS 1831 Grade 500-7 |
| 2 Outlet O-Ring | Rubber NBR | AS 4020 |
| 3 Outlet | Cast Gunmetal Lg2 (2.5 round thread) | BS 750:1984 |
| 4 Hexagon Outlet Bolt | Stainless Steel A4 | Grade 316 |
| 5 Dust Cap | Polyethylene | |
| 6 Bonnet O-Ring | Nitrile Bonded Rubber | AS 4020 |
| 7 Gland O-Ring | Nitrile Bonded Rubber | AS 4020 |
| 8 Gland Flange | Ductile Iron | AS 1831 Grade 500 – 7 |
| 9 Stem Cap | Ductile Iron | AS 1831 Grade 500 – 7 |
| 10 Cap Bolt | Stainless Steel A4 | Grade 316 |
| 11 Red Insert | PE Polyamide | |
| 12 Stopper Core | Ductile Iron | AS 1831 Grade 500 – 7 |
| 13 Fixed Stopper | Rubber EPDM | |
| 14 Fixed Nut | Brass DZR 132 | |
| 15 Stem | Stainless Steel | |
| 16 Thrust Collar | Brass DZR132 | |
| 17 Washer | Stainless Steel A4 | Grade 316 |
| 18 Bonnet Bolt | Stainless Steel A4 | Grade 316 |
| 19 O-Ring | Nitrile Bonded Rubber | |
| 20 Gland Hexagon Bolt | Stainless Steel A4 | Grade 316 |
| 21 Bushing | Polyamide | |
| 22 O – Ring | Nitrile Bonded Rubber | |
| 23 Wiper Ring | Nitrile Bonded Rubber | |

Dimensions

| | |
|--|---------|
| Height (Flange to Top of Spindle Cap) | 256.5mm |
| Length (Outside Flange to end of outlet) | 286.5mm |
| Spindle Cap Height | 44.0mm |
| Spindle Cap Width | 35.0mm |

Flange design suitable for 80-90mm Drilling pattern

Disclaimer: "Buyers and users must make their own assessment of our products under their own conditions for their own use. All queries regarding product suitability or purpose or installation should be directed to the nearest Humes office for advice and assistance". Availability of product may differ slightly from that available in your area.
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