

Rubber seated gate valve

**Design standard:** BS5163, DIN3352 F4/F5, ANSI

**Types:** rubber seated, or metal seated, rising stem or non-rising stem;

**Dimensions:** DN50mm-DN1000mm

**Pressure:** PN10- PN16

**Flange drilling:** EN1092-2, ASME B16.1/B16.42;

**Inspection test:** EN12266

WRAS approved



### **Overview:**

#### ▶ 1. Stem sealing

- A NBR wiper ring protects against dirt from outside.
- A polyamide bearing with 4 NBR O-rings protects against galvanic corrosion.

#### ▶ 2. Body/bonnet connection

- A round rubber bonnet gasket fits into a recess in the valve bonnet preventing it from being blown out by pressure surges.
- The 8.8 galvanized bonnet bolts are countersunk in the valve bonnet, encircled by the bonnet gasket and sealed with hot melt. Thus, there is no risk of corrosion as the bolts are not exposed to the medium or soil.

#### ▶ 3. Wedge nut

The fixed wedge nut reduces the number of movable valve parts thus minimizing the risk of corrosion/malfunction. The wedge nut is made of dezincification resistant brass with lubricating abilities providing compatibility with the stainless steel stem.

#### ▶ 4. Vulcanized wedge

The ductile iron core is fully vulcanized with drinking water approved EPDM rubber internally and externally.