



## RESILIENT SEATED GATE VALVE ECOVALVE™ FLANGED END F5



### DN40 - DN300 (EPDM)

The Resilient Seated Gate Valve type EcoValve is a highly reliable valve with superior characteristics, in compliance with all international standards.

#### Application:



Drinking water, municipal sewage cleaned, cooling and other non-aggressive media.

#### Design features

- Integral ductile iron wedge, fully EPDM encapsulated
- Superior stem packing with three o-rings and a dust seal
- Possibility of replacing the stem seal under pressure without dismantling the valve
- Heavy duty ductile iron construction with stainless steel X20Cr13 Cr stem, H.T. dezincification resistant brass for stem nut
- Special seal in the bonnet achieving perfect top seal when valve is full open.
- Integrated guide shoes on the wedge

#### Technical Details:

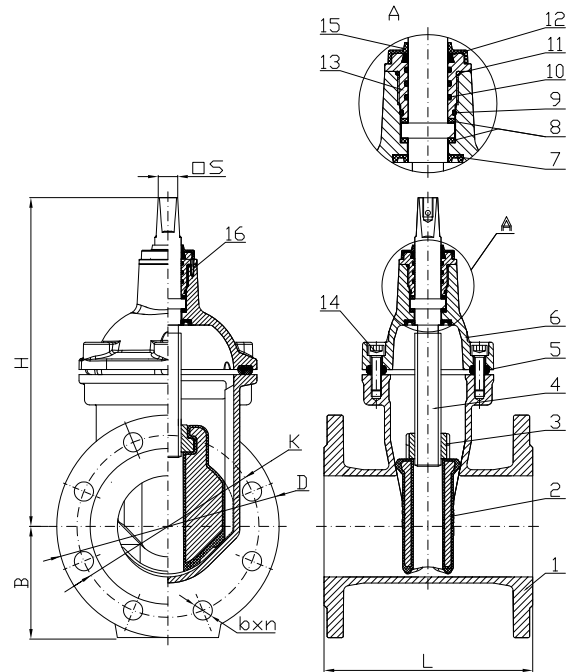
|                                                             |                                                              |
|-------------------------------------------------------------|--------------------------------------------------------------|
| <b>Face to Face in accordance to:</b><br>EN 558-1 Series 15 | <b>Certification:</b><br>Hygienic Certificate PZH<br>WRAS    |
| <b>Maximum working pressure PFA:</b><br>16 bar / PN16       | <b>Flange type:</b><br>EN 1092-2 PN10 i PN16                 |
| <b>Working temperature:</b><br>Maximum +70°C                | <b>Coating:</b><br>250 µm FBE coating, external and internal |
| <b>Construction complies to:</b><br>EN 1074-1&2, EN 1171    |                                                              |





AW54/11

| No | Part Name        | Material                                               |
|----|------------------|--------------------------------------------------------|
| 1  | Body             | Ductile Iron EN-GJS-500-7                              |
| 2  | Wedge            | D.I., EPDM encapsulated<br>EN-GJS-400-18/ EN-GJS-500-7 |
| 3  | Wedge Nut        | H.T. dezincification resistant Brass                   |
| 4  | Stem             | Stainless Steel<br>X20Cr13 / 1.4021 / 420              |
| 5  | Bonnet Gasket    | Elastomer EPDM                                         |
| 6  | Bonnet           | Ductile Iron EN-GJS-500-7                              |
| 7  | Main seal        | Elastomer EPDM                                         |
| 8  | Bottom Washer    | Plastic PTFE                                           |
| 9  | O-ring Seal      | Elastomer EPDM                                         |
| 10 | O-ring Seal      | Elastomer EPDM                                         |
| 11 | O-ring Seal      | Elastomer EPDM                                         |
| 12 | Dust Seal        | Elastomer NBR                                          |
| 13 | Gland Bush       | Mosiądz                                                |
| 14 | Bonnet Screws    | Stainless Steel A2-70                                  |
| 15 | Bonnet Dust Seal | Elastomer NBR                                          |
| 16 | Security screw   | Stainless Steel A2-70                                  |



## Dimension (mm & kg)

| DN                    |      | 40     | 50     | 65     | 80     | 100    | 125    | 150    | 200          | 250           | 300           |
|-----------------------|------|--------|--------|--------|--------|--------|--------|--------|--------------|---------------|---------------|
| AW54/11               | PN10 | AD0364 | AD0365 | AD0366 | AD0367 | AD0368 | AD0369 | AD0370 | AD0374       | AD0375        | AD0376        |
|                       | PN16 |        |        |        |        |        |        |        | AD0371       | AD0372        | AD0373        |
| L                     |      | 240    | 250    | 270    | 280    | 300    | 325    | 350    | 400          | 450           | 500           |
| H                     |      | 205    | 218    | 255    | 277    | 325    | 355    | 395    | 482          | 572           | 662           |
| B                     |      | 70     | 75     | 85     | 95     | 102    | 120    | 134    | 165          | 196           | 225           |
| K PN16 / PN10         |      | 110    | 125    | 145    | 160    | 180    | 210    | 240    | 295          | 355 / 350     | 410 / 400     |
| b×n PN16 / PN10       |      | 19×4   | 19×4   | 19×4   | 19×8   | 19×8   | 19×8   | 23×8   | 23×12 / 23×8 | 27×12 / 23×12 | 27×12 / 23×12 |
| D                     |      | 150    | 165    | 185    | 200    | 220    | 250    | 285    | 340          | 405           | 460           |
| Stem Top Square<br>□S |      | 14     | 14     | 17     | 17     | 19     | 19     | 19     | 24           | 27            | 27            |
| Weight                |      | 10,6   | 11,8   | 12,2   | 14,4   | 20,2   | 32,7   | 34,8   | 64           | 87            | 146,4         |