

# Ball valves

## Model 50085 3-part ball valve F/F (58183) with electric actuator IP68 (50840)



### Specifications

#### ⇒ Valve

**Dimensions:** DN8 to DN80 (1/4" to 3")

**Connection:** BSP female thread

**Pressure:** PN63 (1000 lbs)

**Operating temperature:** - 29°C to +175°C

**Material:** 316 or CF8M stainless steel  
(for the stainless steel parts that can come into contact with the transported fluid)

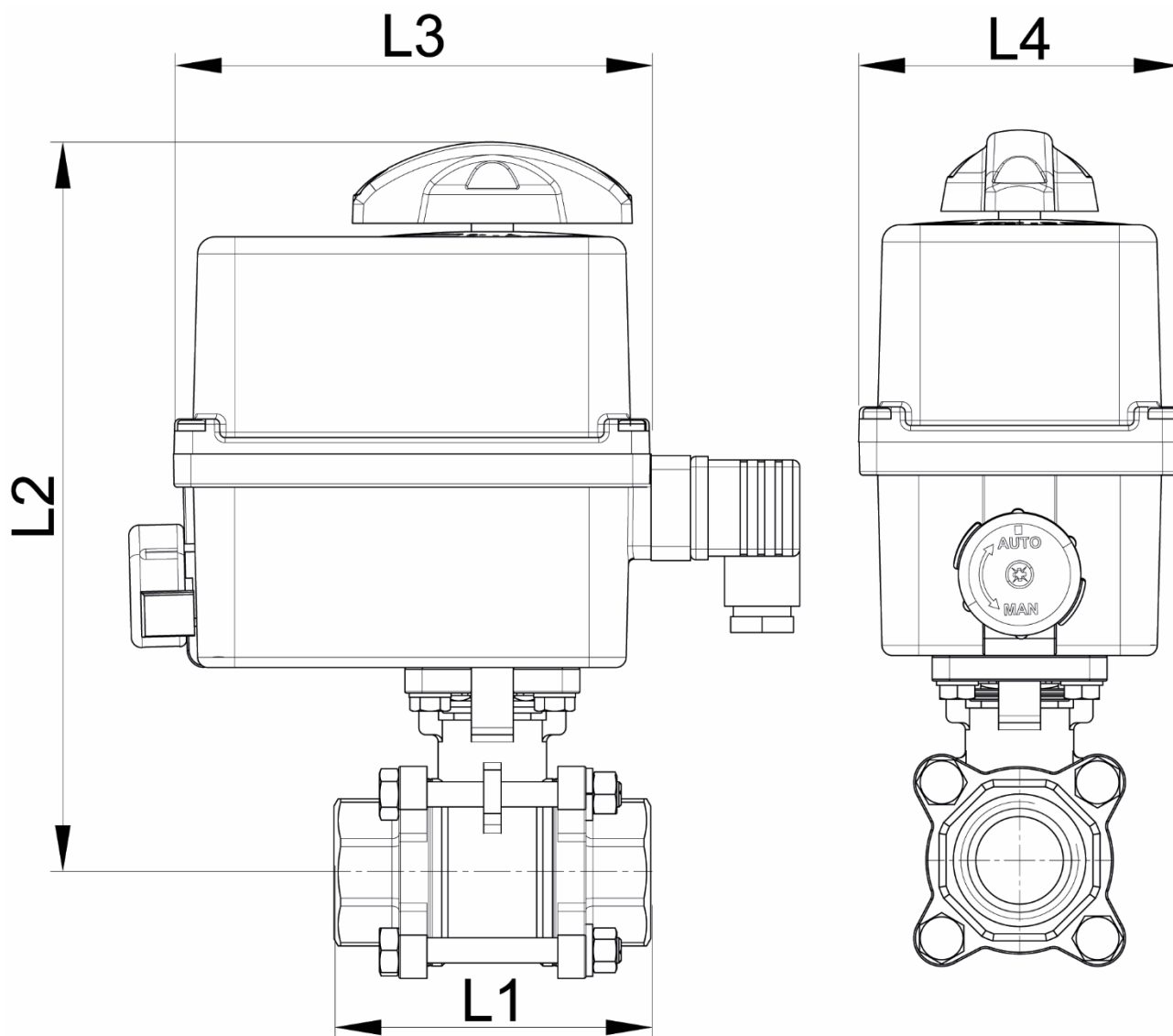
#### ⇒ Electric actuator

**Operating temperature:** - 10°C to + 55°C

Plastic housing IP68

Visual position indicator

Regulated anti-condensation resistance



| DN<br>(mm) | NB<br>(inches) | L1<br>(mm) | L2<br>(mm) | L3<br>(mm) | L4<br>(mm) | Opening/<br>closing<br>time (90°)<br>(s) | Weight<br>(kg) | Part number<br>100- 230V AC<br>and<br>100-350V DC | Opening/<br>closing<br>time (90°)<br>(s) | Part number<br>15- 30V AC<br>and<br>12-48V DC |
|------------|----------------|------------|------------|------------|------------|------------------------------------------|----------------|---------------------------------------------------|------------------------------------------|-----------------------------------------------|
| 8          | 1/4"           | 75         | 194        | 136        | 92         | 11                                       | 1.52           | 450085-8A                                         | 11                                       | 450085-8B                                     |
| 10         | 3/8"           | 75         | 194        | 136        | 92         | 11                                       | 1.52           | 450085-10A                                        | 11                                       | 450085-10B                                    |
| 15         | 1/2"           | 75         | 194        | 136        | 92         | 11                                       | 1.58           | 450085-15A                                        | 11                                       | 450085-15B                                    |
| 20         | 3/4"           | 80         | 201        | 136        | 92         | 12                                       | 1.82           | 450085-20A                                        | 12                                       | 450085-20B                                    |
| 25         | 1"             | 90         | 211        | 136        | 92         | 12                                       | 2.27           | 450085-25A                                        | 12                                       | 450085-25B                                    |
| 32         | 1"1/4          | 110        | 215        | 136        | 92         | 26                                       | 2.90           | 450085-32A1                                       | 24                                       | 450085-32B1                                   |
| 32         | 1"1/4          | 110        | 239        | 151        | 128        | 7                                        | 4.00           | 450085-32A2                                       | 7                                        | 450085-32B2                                   |
| 40         | 1"1/2          | 120        | 224        | 136        | 92         | 26                                       | 3.75           | 450085-40A1                                       | 24                                       | 450085-40B1                                   |
| 40         | 1"1/2          | 120        | 248        | 151        | 128        | 7                                        | 4.85           | 450085-40A2                                       | 7                                        | 450085-40B2                                   |
| 50         | 2"             | 140        | 254        | 151        | 128        | 12                                       | 6.50           | 450085-50A                                        | 12                                       | 450085-50B                                    |
| 65         | 2"1/2          | 185        | 276        | 151        | 128        | 12                                       | 10.60          | 450085-65A                                        | 12                                       | 450085-65B                                    |
| 80         | 3"             | 205        | 285        | 151        | 128        | 23                                       | 13.90          | 450085-80A                                        | 22                                       | 450085-80B                                    |

Electric actuator with plastic housing IP68.

Visual position indicator.

Manual override control with safe clutch disengagement.

Configurable limit switches.

Torque limiting device.

Anti-condensation resistance.

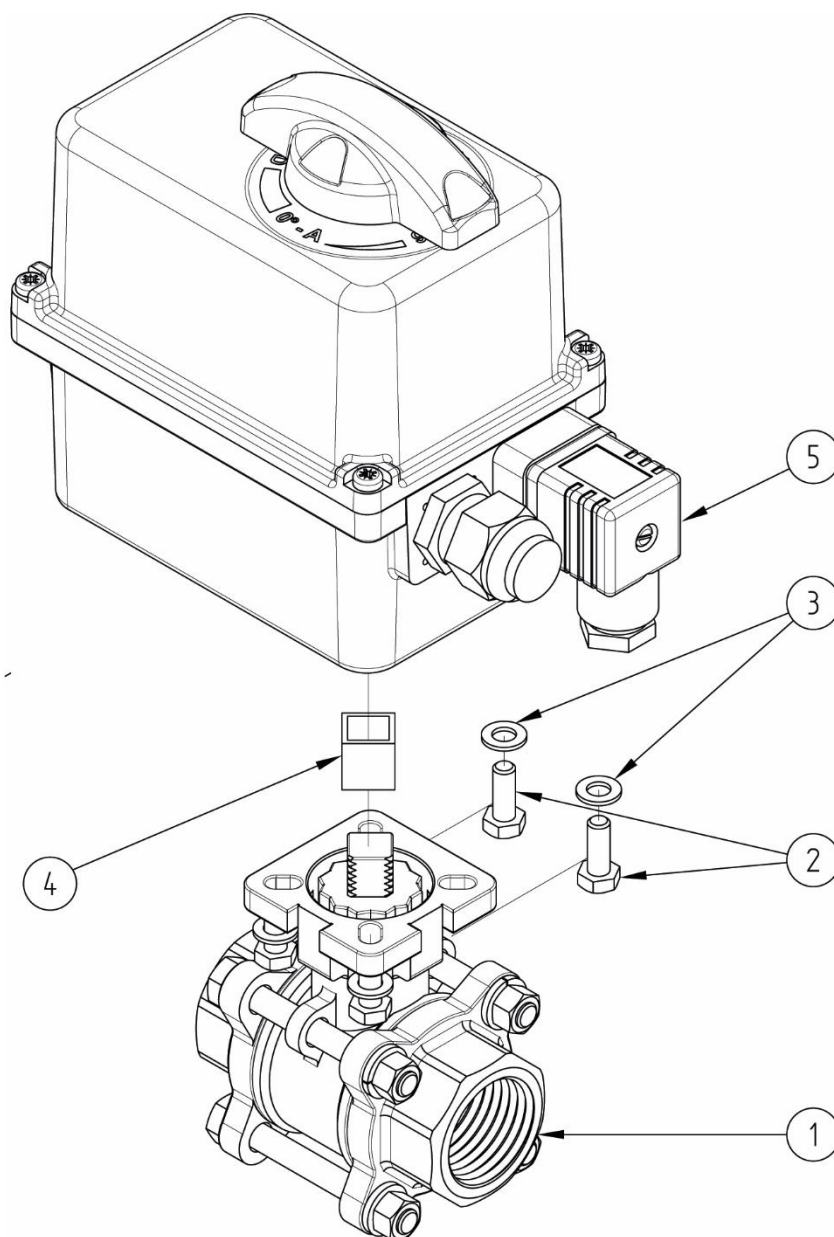
Actuator operating temperature: -10°C to +55°C

Duty cycle: 50%

Number of starts per hour: 150

Actuator sized for a  $\Delta P$  valve = max. 16 bar. For  $\Delta P > 16$  bar, please contact us.

Standard operation: Opening/closing at 0/90°



| N° | Part Name            | Material        | Quantity |
|----|----------------------|-----------------|----------|
| 1  | 3-PART VALVE (58183) | CF8M            | 1        |
| 2  | FIXING SCREW         | STAINLESS STEEL | 4        |
| 3  | WASHER               | STAINLESS STEEL | 4        |
| 4  | COUPLER              | STAINLESS STEEL | 0 or 1   |
| 5  | ELECTRIC ACTUATOR    | PLASTIC         | 1        |

You can refer to the following product data sheets for more technical information:

- 58183 : 3-part valve female/female
- 50840: Electric actuator 90° - IP68