

# Ball valves

**Model 50255** 3-way ball valve with flanges and T-shaped bore (58227) and 3-position 180° electric actuator IP68 (50843)



## Specifications

### ⇒ Valve

**Dimensions:** DN15 to DN80 (1/2" to 3")

**Connection:** with flanges

**Pressure:** PN depending on flange dimensions

**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)

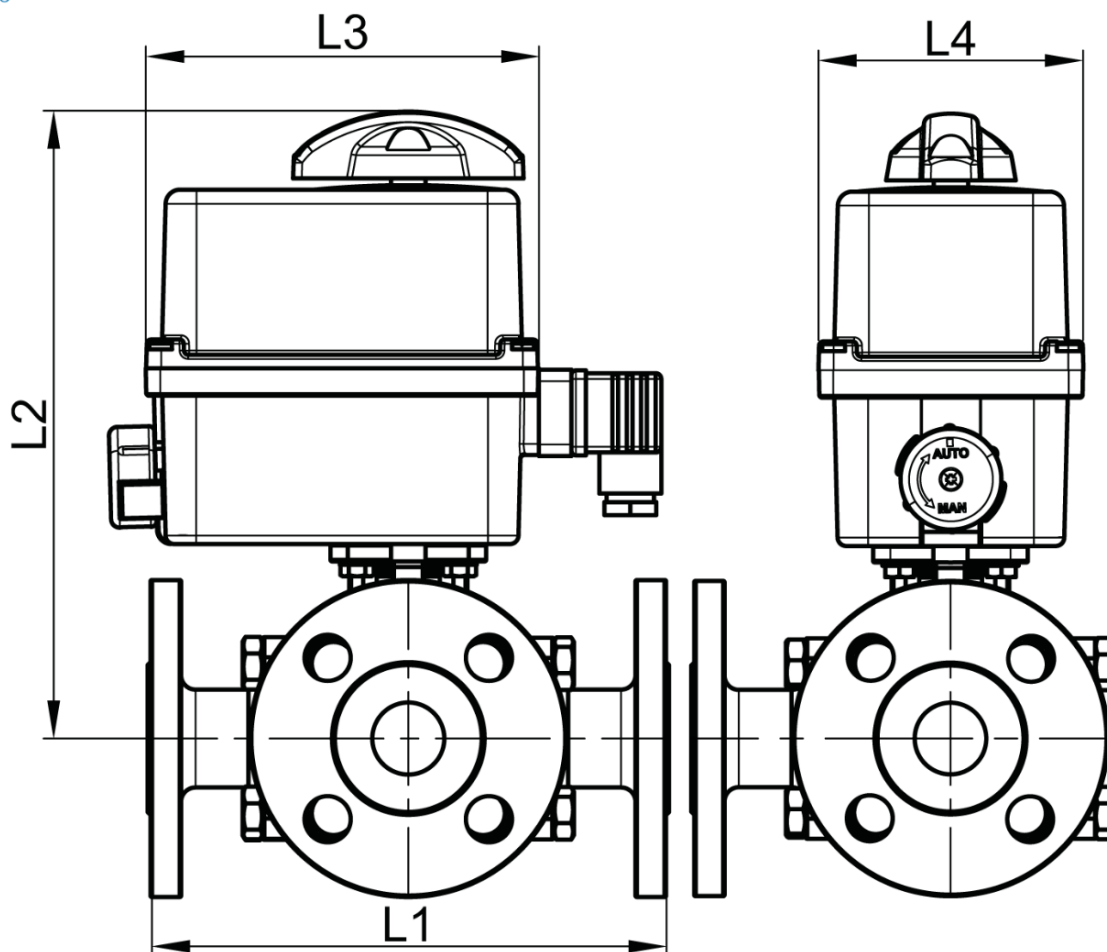
### ⇒ Electric actuator

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

Plastic housing IP68

Visual position indicator

Anti-condensation heater



| DN<br>(mm) | NB<br>(inches) | L1<br>(mm) | L2<br>(mm) | L3<br>(mm) | L4<br>(mm) | Opening/<br>closing time<br>(90°)<br>(s) | Weight<br>(kg) | Part No.<br>100-230V AC<br>and<br>100-350V DC | Opening/<br>closing time<br>(90°)<br>(s) | Part No.<br>15-30V AC<br>and<br>12-48V DC |
|------------|----------------|------------|------------|------------|------------|------------------------------------------|----------------|-----------------------------------------------|------------------------------------------|-------------------------------------------|
| 15         | 1/2"           | 150        | 205        | 136        | 92         | 12                                       | 7.50           | 450255-15A                                    | 12                                       | 450255-15B                                |
| 20         | 3/4"           | 165        | 209        | 136        | 92         | 12                                       | 8.50           | 450255-20A                                    | 12                                       | 450255-20B                                |
| 25         | 1"             | 181        | 244        | 151        | 128        | 7                                        | 11.10          | 450255-25A                                    | 7                                        | 450255-25B                                |
| 32         | 1 1/4"         | 190        | 248        | 151        | 128        | 7                                        | 13.10          | 450255-32A                                    | 7                                        | 450255-32B                                |
| 40         | 1 1/2"         | 212        | 261        | 151        | 128        | 12                                       | 15.50          | 450255-40A                                    | 12                                       | 450255-40B                                |
| 50         | 2"             | 230        | 268        | 151        | 128        | 23                                       | 24.50          | 450255-50A                                    | 22                                       | 450255-50B                                |
| 65         | 2 1/2"         | 290        | 283        | 151        | 128        | 23                                       | 33.80          | 450255-65A                                    | 22                                       | 450255-65B                                |

Electric actuator with plastic housing with IP68 protection rating.

Visual position indicator. Manual override control with safe clutch disengagement.

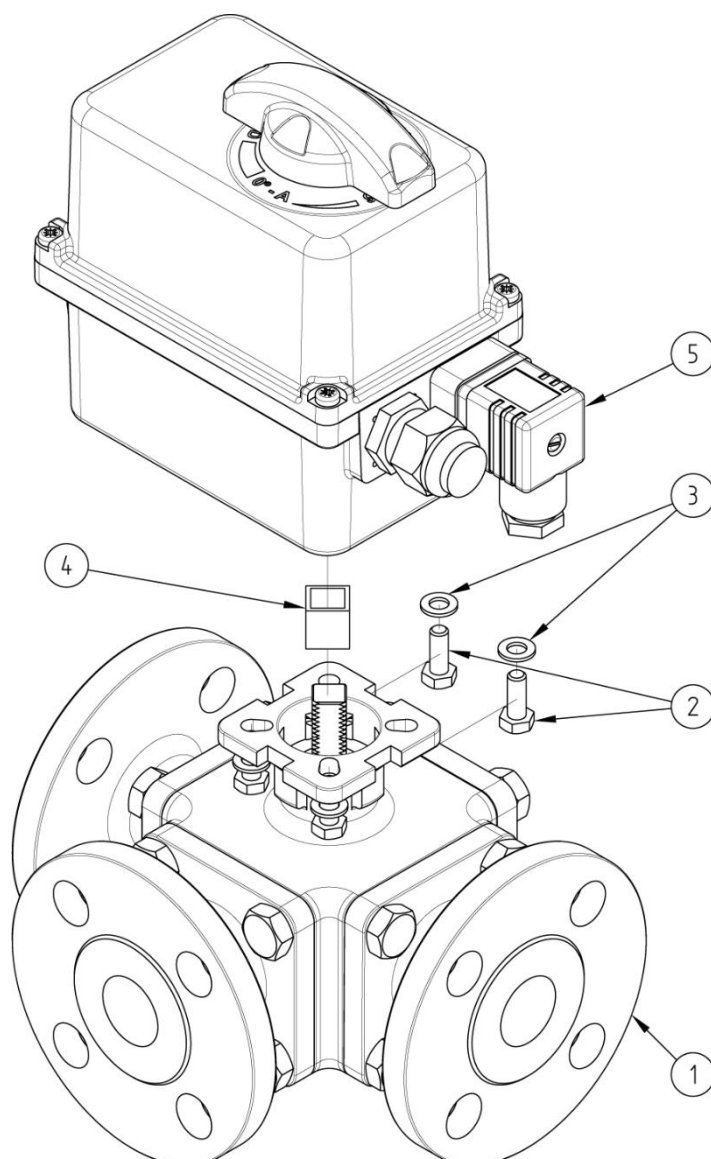
Configurable limit switches. Torque limiting device. Anti-condensation heater.

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

Duty cycle: 50%. Number of starts per hour: 150.

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

3-position 180° version: The integrated circuit board makes it possible to manage 3 positions (for example, 0°/90°/180° in the case of a 3-way valve).



| N° | Part Name                           | Material        | Quantity |
|----|-------------------------------------|-----------------|----------|
| 1  | 3-WAY VALVE WITH FLANGES<br>(58227) | CF8M            | 1        |
| 2  | FIXING BOLT                         | STAINLESS STEEL | 4        |
| 3  | WASHER                              | STAINLESS STEEL | 4        |
| 4  | COUPLING                            | STAINLESS STEEL | 0 or 1   |
| 5  | ELECTRIC ACTUATOR (50843)           | PLASTIC         | 1        |

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

- **58227** : 3-way valve with flanges - T-shaped bore
- **50843** : 3-position 180° electric actuator - IP68

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