

# Ball valves

## Model 50327 2-part ball valve with ISO flanges (58269) and ATEX electric actuator IP68 with positioning unit (50850)



### Specifications

#### ⇒ Valve

**Dimensions:** DN25 to DN200 (1" to 8")

**Connection:** flanges in accordance with EN 1092-1

**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)

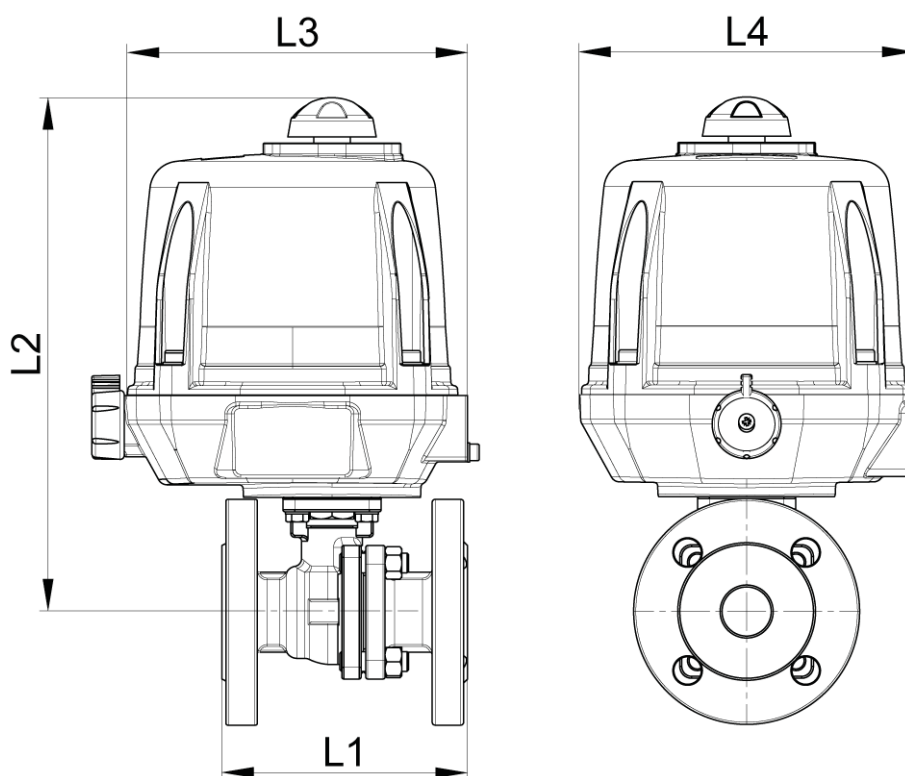
#### ⇒ Electric actuator

**Operating temperature:** -20°C to +70°C

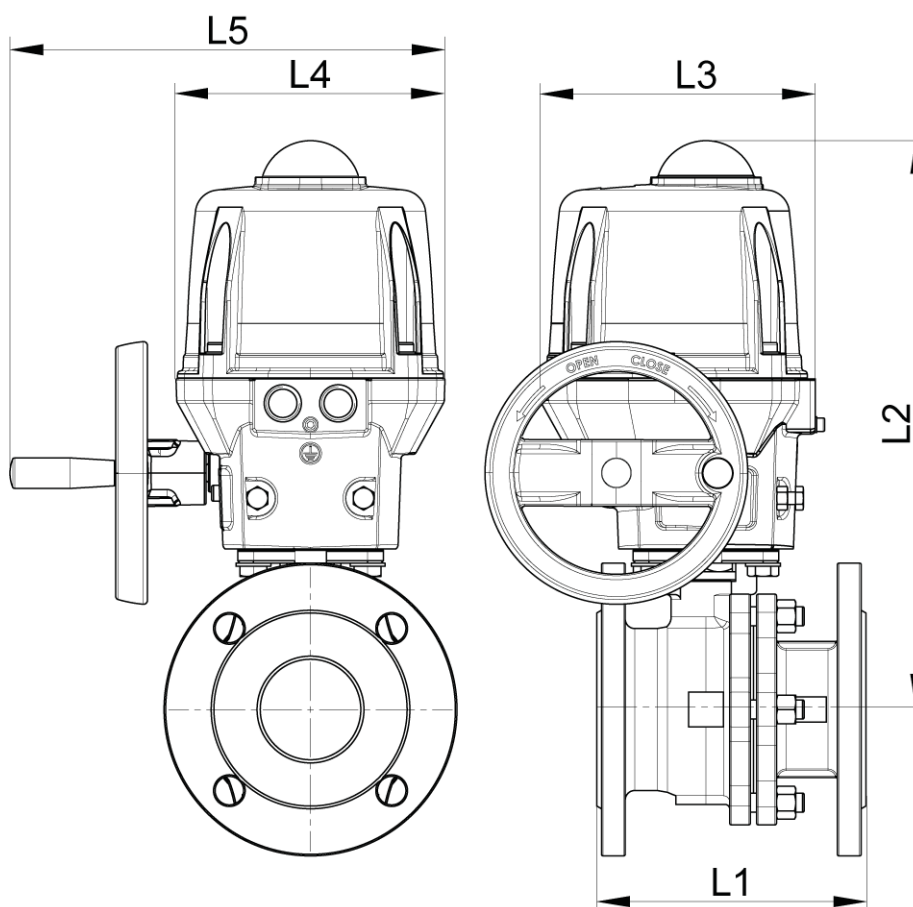
Aluminium housing and cap IP68

Visual position indicator

Anti-condensation heater



**DN25 to DN50**



**DN65 to DN100**

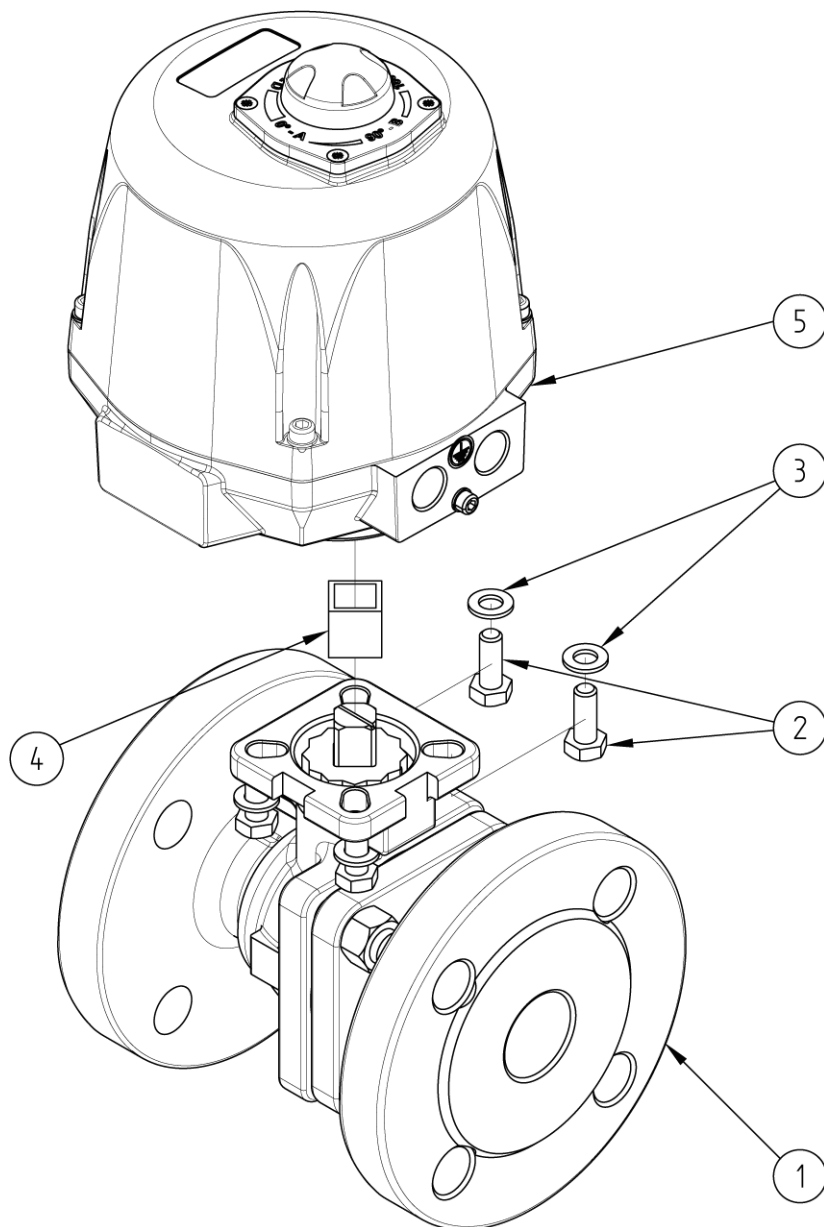
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| DN<br>(mm) | NB<br>(inches) | L1<br>(mm) | L2<br>(mm) | L3<br>(mm) | L4<br>(mm) | L5<br>(mm) | Opening/<br>closing<br>time (90°)<br>(s) | Weight<br>(kg) | Part<br>number<br>100-230V AC<br>and<br>100-350V DC | Part<br>number<br>15-30V AC<br>and<br>12-48V DC |
|------------|----------------|------------|------------|------------|------------|------------|------------------------------------------|----------------|-----------------------------------------------------|-------------------------------------------------|
| 25         | 1"             | 125        | 260        | 192        | 170        | -          | 15                                       | 8.50           | 450327-20A                                          | 450327-20B                                      |
| 32         | 1"1/4          | 130        | 272        | 192        | 170        | -          | 15                                       | 10.10          | 450327-25A                                          | 450327-25B                                      |
| 40         | 1"1/2          | 140        | 277        | 192        | 170        | -          | 20                                       | 11.50          | 450327-32A                                          | 450327-32B                                      |
| 50         | 2"             | 150        | 286        | 192        | 170        | -          | 20                                       | 14.10          | 450327-40A                                          | 450327-40B                                      |
| 65         | 2"1/2          | 170        | 360        | 209        | 170        | 275        | 30                                       | 22.90          | 450327-50A                                          | 450327-50B                                      |
| 80         | 3"             | 180        | 370        | 209        | 170        | 275        | 60                                       | 29.70          | 450327-65A                                          | 450327-65B                                      |
| 100        | 4"             | 190        | 398        | 209        | 170        | 275        | 60                                       | 37.90          | 450327-80A                                          | 450327-80B                                      |

ATEX I/4 turn (90°) electric actuator with aluminium housing and cap IP68.  
 Visual position indicator. Manual override control with safe clutch disengagement.  
 Configurable limit switches. Torque limiting device. Anti-condensation heater.  
 Actuator operating temperature: -20°C to +70°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.  
 Positioner version: The integrated positioning unit makes it possible to control the valve (opening/closing regulation) with a 4-20mA (or 0/10V) signal.

You must order earthing braids separately.  
 Cable glands are not supplied.



| N° | Part Name                            | Material        | Quantity |
|----|--------------------------------------|-----------------|----------|
| 1  | 2-PART VALVE WITH FLANGES<br>(58269) | CF8M            | 1        |
| 2  | FIXING BOLT                          | STAINLESS STEEL | 4        |
| 3  | WASHER                               | STAINLESS STEEL | 4        |
| 4  | COUPLING                             | STAINLESS STEEL | 0 or 1   |
| 5  | ELECTRIC ACTUATOR (50850)            | ALUMINIUM       | 1        |

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

- **58269:** 2-part valve with flanges
- **50850:** ATEX I/4 turn (90°) electric actuator with 4/20mA positioning unit - IP68

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