

Ball valves

Model 50162 3-part ball valve for socket welding (SW) (58471) and electric actuator IP66 with positioning unit (50842)



Specifications

⇒ Valve

Dimensions: DN8 to DN50 (1/4" to 2")

Connection: to be welded (socket welding)

Pressure: PN100 (1500 lbs)

Operating temperature: -29°C to +200°C

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

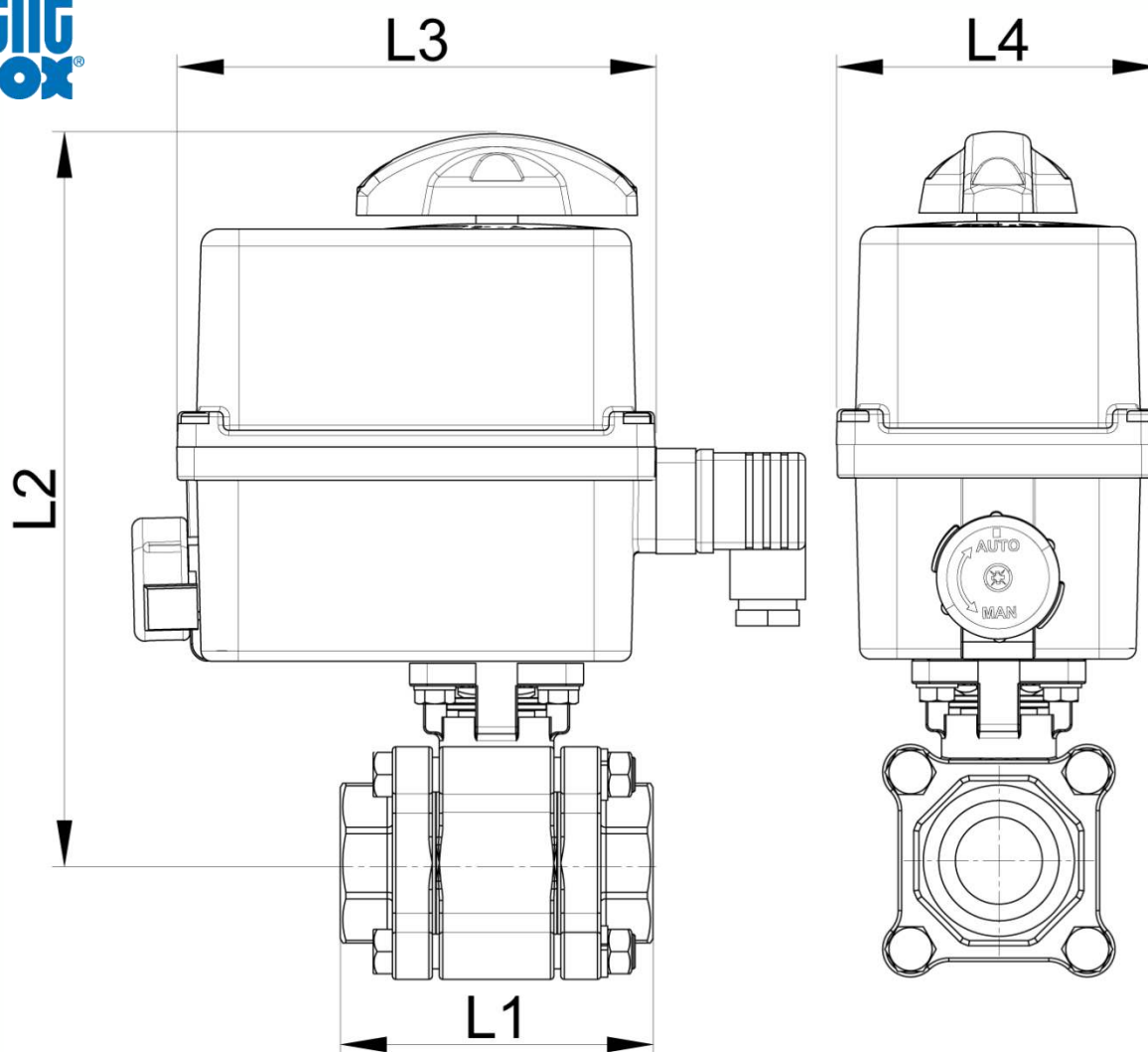
⇒ Electric actuator

Operating temperature: -10°C to +55°C

Plastic housing IP66

Visual position indicator

Self-regulating anti-condensation heater



| DN (mm) | NB (inches) | L1 (mm) | L2 (mm) | L3 (mm) | L4 (mm) | Opening/ closing time (90°) (s) | Weight (kg) | Part No. 100-230V AC and 100-350V DC | Opening/ closing time (90°) (s) | Part No. 15-30V AC and 12-48V DC |
|------------|----------------|------------|------------|------------|------------|--|----------------|---|--|---|
| 8 | 1/4" | 75 | 195 | 136 | 92 | 25 | 1.85 | 450162-8A | 25 | 450162-8B |
| 10 | 3/8" | 75 | 195 | 136 | 92 | 25 | 1.92 | 450162-10A | 25 | 450162-10B |
| 15 | 1/2" | 75 | 195 | 136 | 92 | 25 | 1.98 | 450162-15A | 25 | 450162-15B |
| 20 | 3/4" | 81 | 195 | 136 | 92 | 25 | 2.22 | 450162-20A | 25 | 450162-20B |
| 25 | 1" | 90 | 226 | 151 | 128 | 40 | 3.77 | 450162-25A | 41 | 450162-25B |
| 32 | 1 1/4" | 110 | 234 | 151 | 128 | 79 | 4.40 | 450162-32A | 79 | 450162-32B |
| 40 | 1 1/2" | 122 | 239 | 151 | 128 | 119 | 5.30 | 450162-40A | 119 | 450162-40B |
| 50 | 2" | 140 | 251 | 151 | 128 | 119 | 6.80 | 450162-50A | 119 | 450162-50B |

Electric actuator with plastic housing with IP66 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 (except for the fail-safe version: -10°C to +40°C).

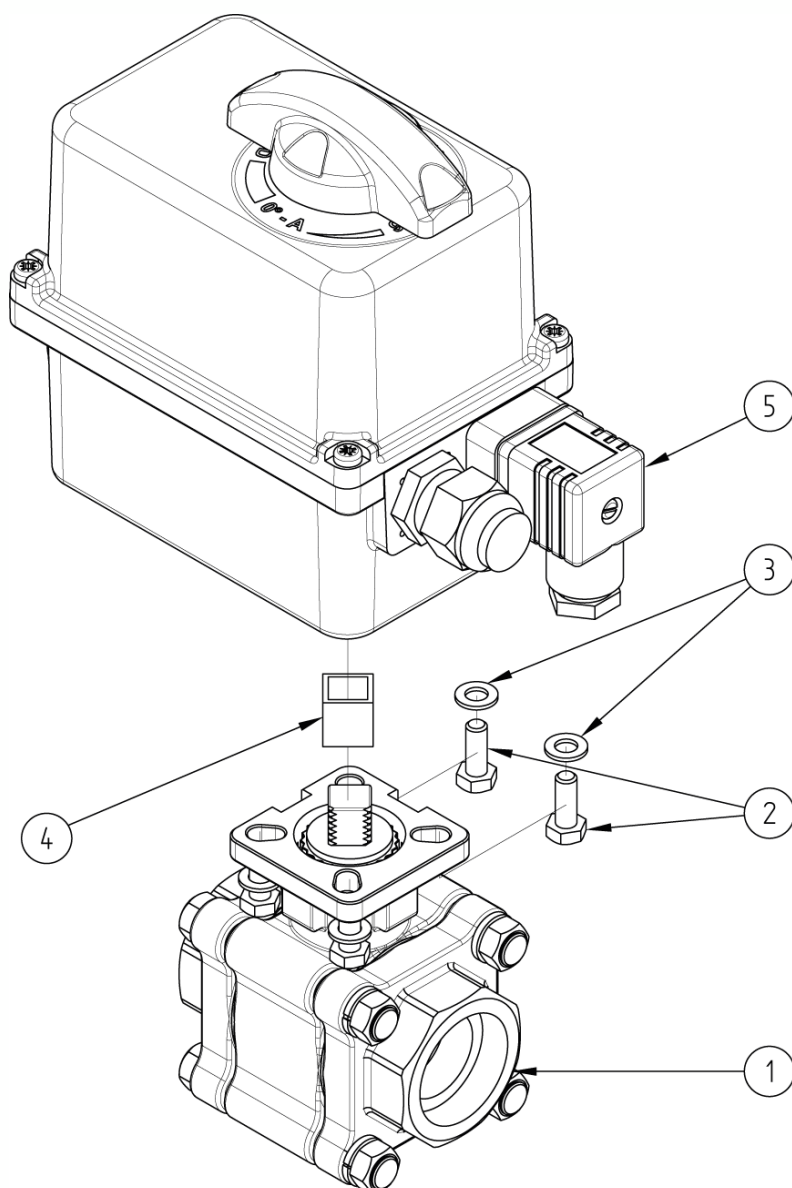
Duty cycle: 50%. Number of starts per hour: 150.

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.

Béné inox – 11 chemin de la Pierre Blanche – 69800 SAINT-PRIEST – S.A.S with 240 000 € share capital – SIREN N° 311 810 287
Tel. N°: +33 (0)4 78 90 48 22 – Fax N°: +33 (0)4 78 90 69 59 – www.bene-inox.com – bene@bene-inox.com

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| N° | Part Name | Material | Quantity |
|----|---------------------------|-----------------|----------|
| 1 | 3-PART VALVE (58471) | CF8M | 1 |
| 2 | FIXING BOLT | STAINLESS STEEL | 4 |
| 3 | WASHER | STAINLESS STEEL | 4 |
| 4 | COUPLING | STAINLESS STEEL | 0 or 1 |
| 5 | ELECTRIC ACTUATOR (50842) | PLASTIC | 1 |

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

- **58471** : 3-part valve to be socket welded (SW)
- **50842** : ¼ turn (90°) electric actuator with 4/20mA positioning unit - IP66

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