

# Ball valves

**Model 50259 3-way ball valve with flanges and T-shaped bore (58227) and electric actuator IP68 (50844)**



## Specifications

### ⇒ Valve

**Dimensions:** DN20 to DN100 (3/4" to 2")

**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:** -20°C to +70°C

Aluminium housing and plastic cap IP68

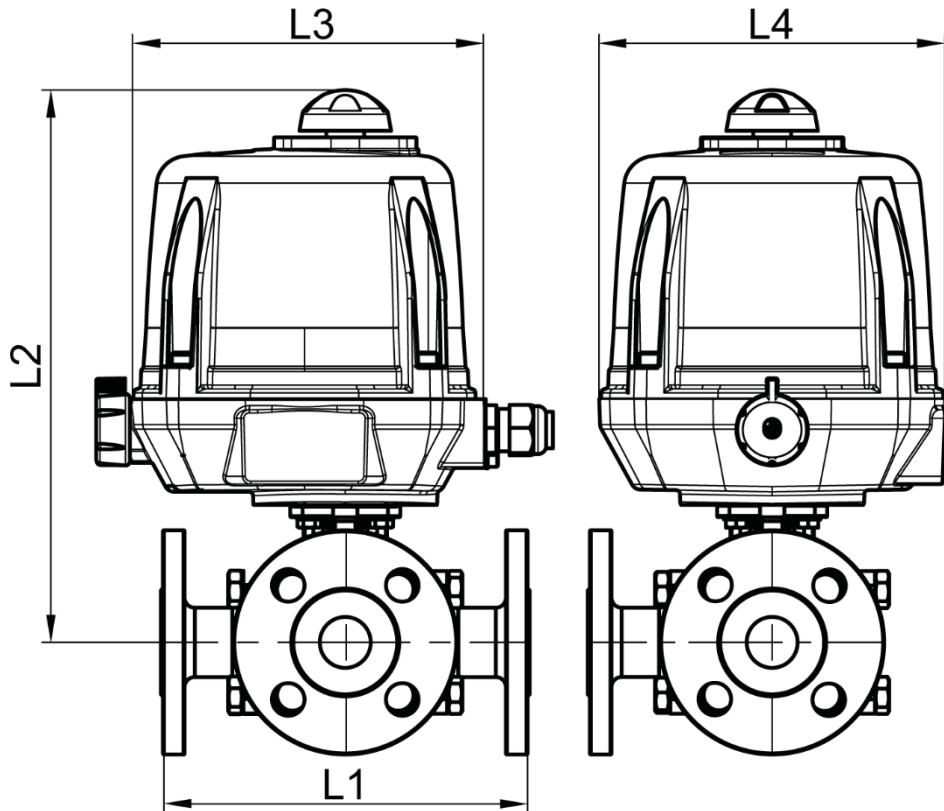
Visual position indicator

Self-regulating anti-condensation heater

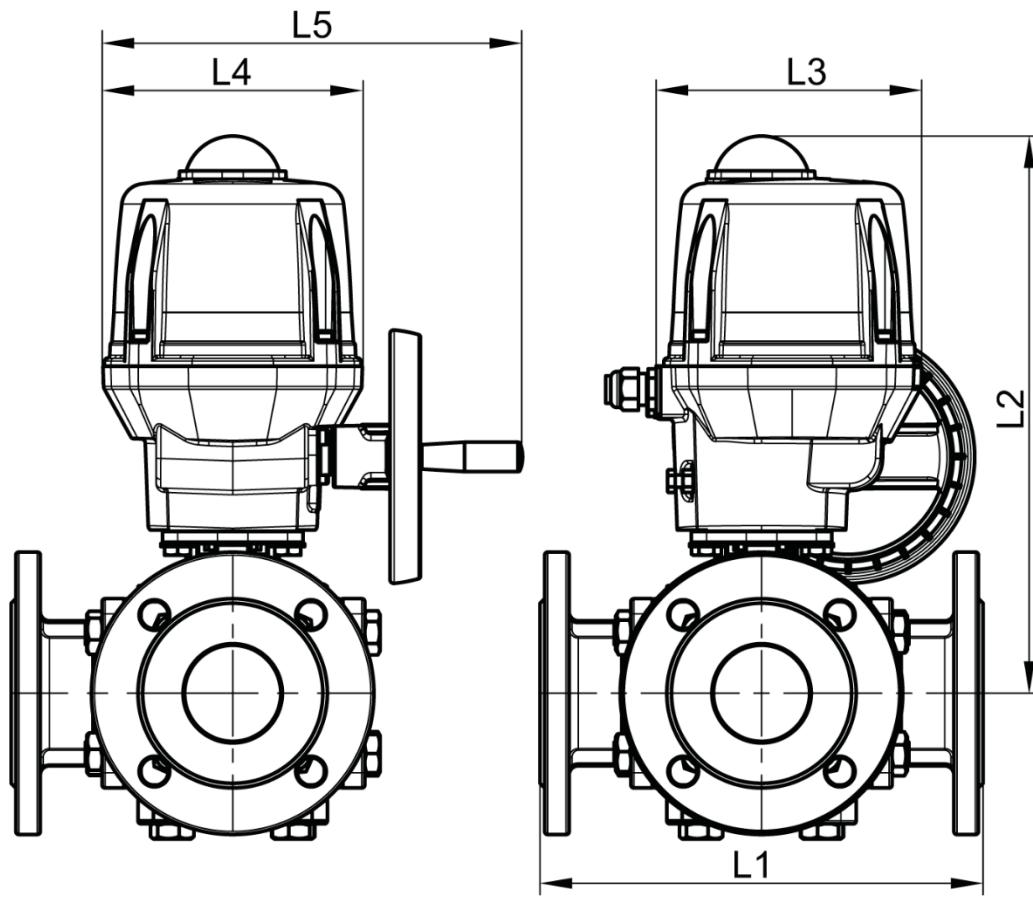


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**DN20 to DN50**



**DN65 to DN100**

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DN (mm)	NB (inches)	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)	L5 (mm)	Opening/ closing time (90°) (s)	Weight (kg)	Part No. 100-230V AC and 100-350V DC
20	3/4"	165	258	192	170	x	7	10.60	450259-20A
25	1"	181	269	192	170	x	7	12.10	450259-25A
32	1"1/4	190	273	192	170	x	15	14.10	450259-32A
40	1"1/2	212	286	192	170	x	20	16.50	450259-40A
50	2"	230	293	192	170	x	20	25.50	450259-50A
65	2"1/2	290	365	209	170	275	15	36.80	450259-65A
80	3"	310	377	209	170	275	30	51.80	450259-80A
100	4"	352	408	209	170	275	60	77.80	450259-100A

DN (mm)	NB (inches)	Opening/ closing time (90°) (s)	Part No. 15-30V AC and 12-48V DC	Opening/ closing time (90°) (s)	Part No. 400V TRI 50/60 Hz
20	3/4"	7	450259-20B	10	450259-20C
25	1"	7	450259-25B	10	450259-25C
32	1"1/4	15	450259-32B	10	450259-32C
40	1"1/2	20	450259-40B	15	450259-40C
50	2"	20	450259-50B	15	450259-50C
65	2"1/2	15	450259-65B	10	450259-65C
80	3"	30	450259-80B	20	450259-80C
100	4"	60	450259-100B	35	450259-100C

Electric actuator with aluminium housing and plastic cap with IP68 protection rating.

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

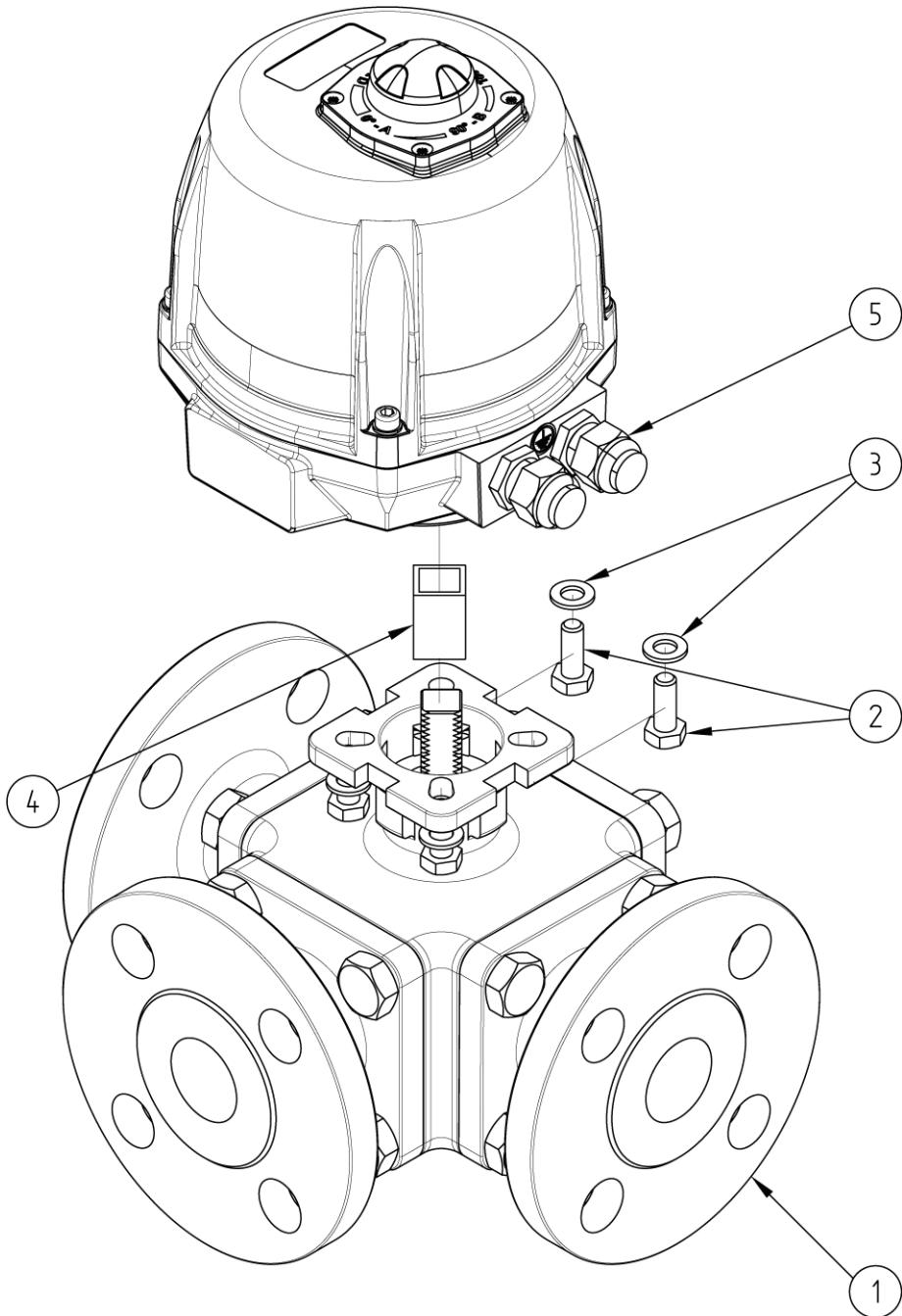
Configurable limit switches. Torque limiting device. Anti-condensation heater.

Actuator operating temperature: -20°C to +70°C.

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

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

Standard operation: Opening/closing at 0/90°.



N°	Part Name	Material	Quantity
1	3-WAY VALVE WITH FLANGES (58227)	CF8M	1
2	FIXING BOLT	STAINLESS STEEL	4
3	WASHER	STAINLESS STEEL	4
4	COUPLING	STAINLESS STEEL	0 or 1
5	ELECTRIC ACTUATOR (50844)	ALUMINIUM/PLASTIC	1

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

- **58227** : 3-way valve with flanges - T-shaped bore
- **50844** :  $\frac{1}{4}$  turn (90°) electric actuator - IP68

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