

# Ball valves

**Model 50268 3-way ball valve with flanges and L-shaped bore (58229) and fail-safe ATEX electric actuator IP68 (50849)**



## Specifications

### ⇒ Valve

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

**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 +40°C

Aluminium housing and cap IP68

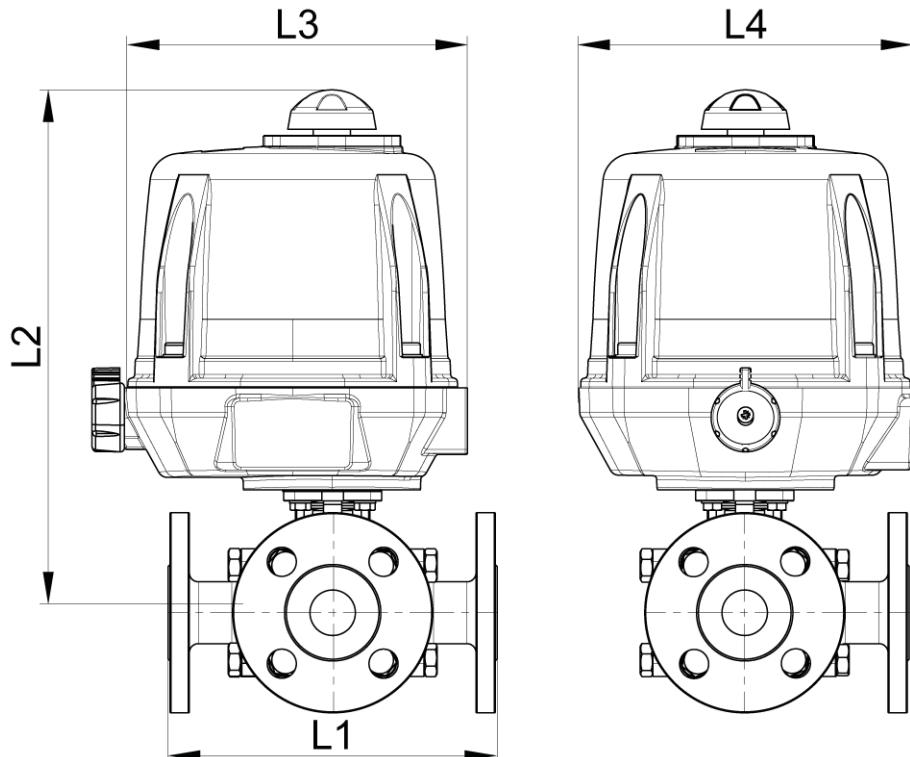
Visual position indicator

Anti-condensation heater

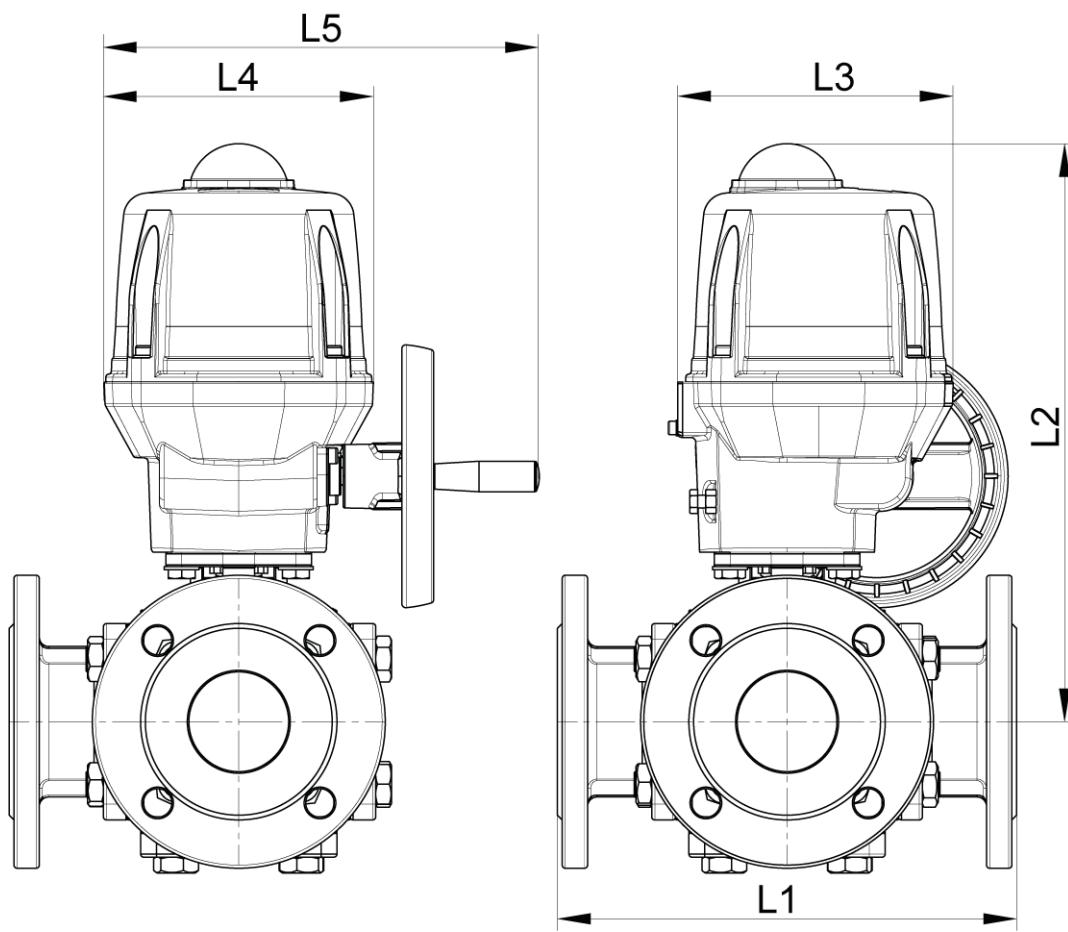


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**DN20 to DN50**



**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	Part No. 15-30V AC and 12-48V DC
20	3/4"	165	258	192	170	x	7	11.70	450268-20A	450268-20B
25	1"	181	269	192	170	x	7	13.20	450268-25A	450268-25B
32	1"1/4	190	273	192	170	x	15	15.20	450268-32A	450268-32B
40	1"1/2	212	286	192	170	x	20	17.60	450268-40A	450268-40B
50	2"	230	293	192	170	x	20	26.60	450268-50A	450268-50B
65	2"1/2	290	365	209	170	275	15	37.90	450268-65A	450268-65B
80	3"	310	377	209	170	275	30	52.90	450268-80A	450268-80B
100	4"	352	408	209	170	275	60	78.90	450268-100A	450268-100B

ATEX 1/4 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: -10°C to +40°C.

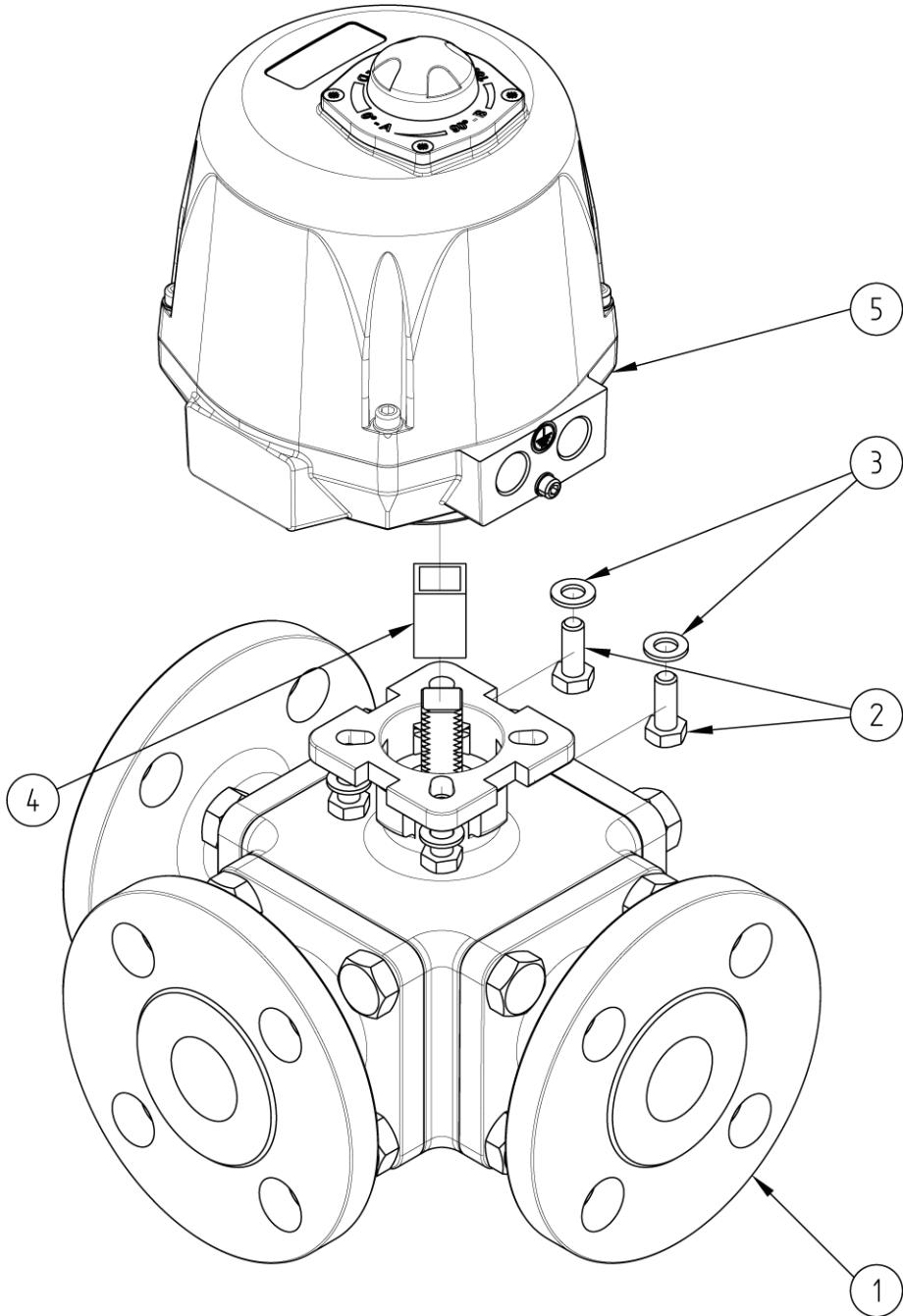
Duty cycle: 50%. Number of starts per hour: 150.

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

Fail-safe version: The internal fail-safe backup unit (circuit board + battery) makes sure that the valve returns to the closed position if there is a power cut.

You must order earthing braids separately.

Cable glands are not supplied.



N°	Part Name	Material	Quantity
1	3-WAY VALVE WITH FLANGES (58229)	CF8M	1
2	FIXING BOLT	STAINLESS STEEL	4
3	WASHER	STAINLESS STEEL	4
4	COUPLING	STAINLESS STEEL	0 or 1
5	ELECTRIC ACTUATOR (50849)	ALUMINIUM	1

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

- **58229** : 3-way valve with flanges - L-shaped bore
- **50849** : Fail-safe ATEX ¼ turn (90°) electric actuator - IP68

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