

Ball valves

Model 50066 2-part F/F ball valve (58308) with fail-safe ATEX electric actuator IP68 (50849)



Specifications

⇒ Valve

Dimensions: DN20 to DN80 (3/4" to 3")

Connection: BSP female thread

Pressure: PN63 (1000 lbs)

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)

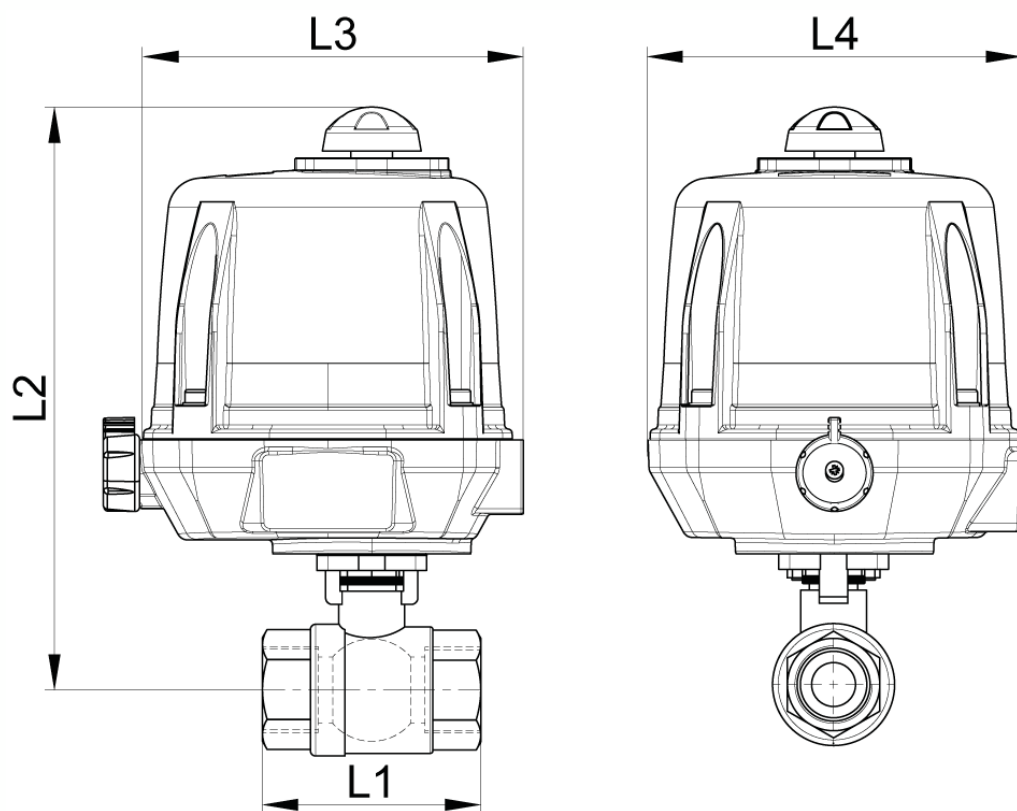
⇒ Electric actuator

Operating temperature: -10°C to +40°C

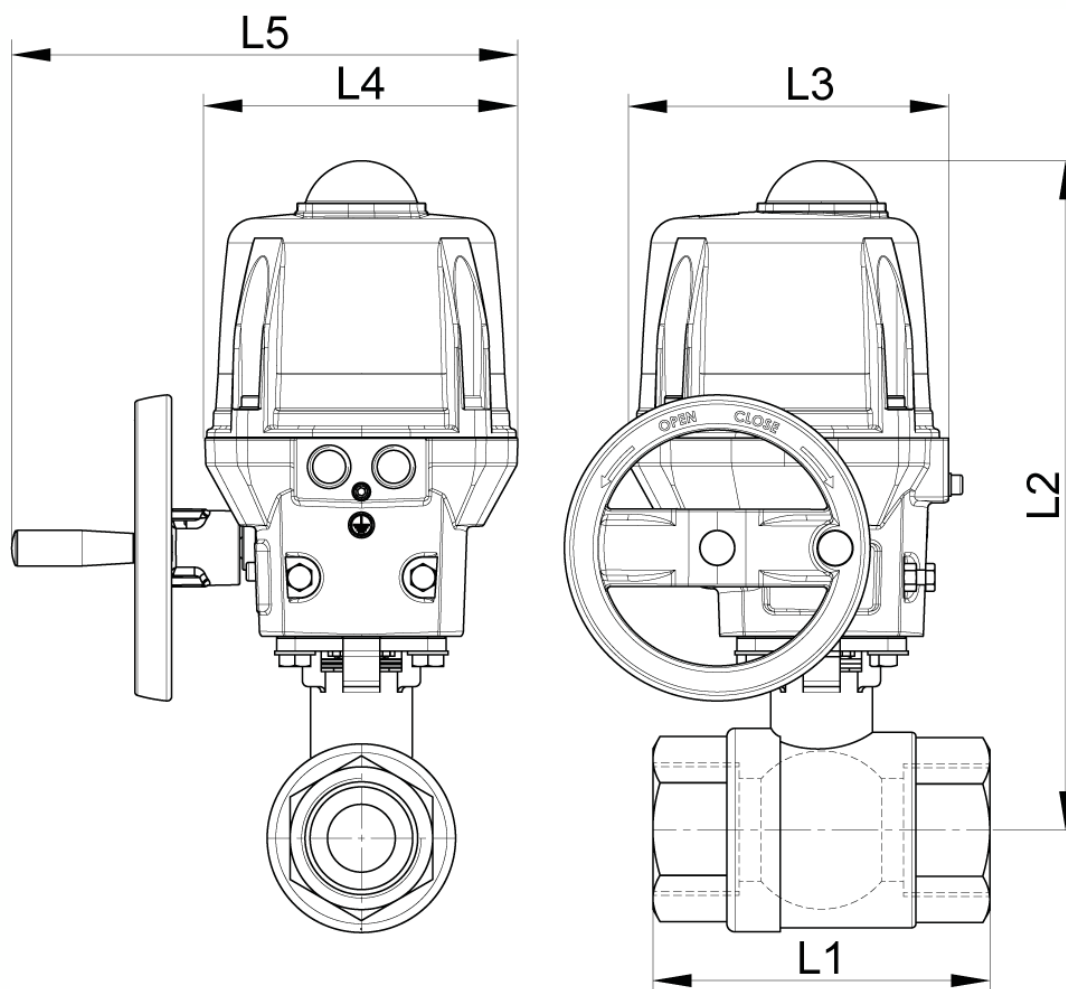
Aluminium housing and cap IP68

Visual position indicator

Anti-condensation heater



DN20 to DN50



DN65 to DN80

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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"	70	250	192	170	x	7	4.81	450066-20A	450066-20B
25	1"	85	259	192	170	x	7	5.30	450066-25A	450066-25B
32	1"1/4	94	264	192	170	x	7	5.62	450066-32A	450066-32B
40	1"1/2	105	273	192	170	x	15	6.24	450066-40A	450066-40B
50	2"	125	280	192	170	x	15	7.47	450066-50A	450066-50B
65	2"1/2	155	358	209	170	275	15	12.20	450066-65A	450066-65B
80	3"	173	367	209	170	275	15	19.30	450066-80A	450066-80B

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.

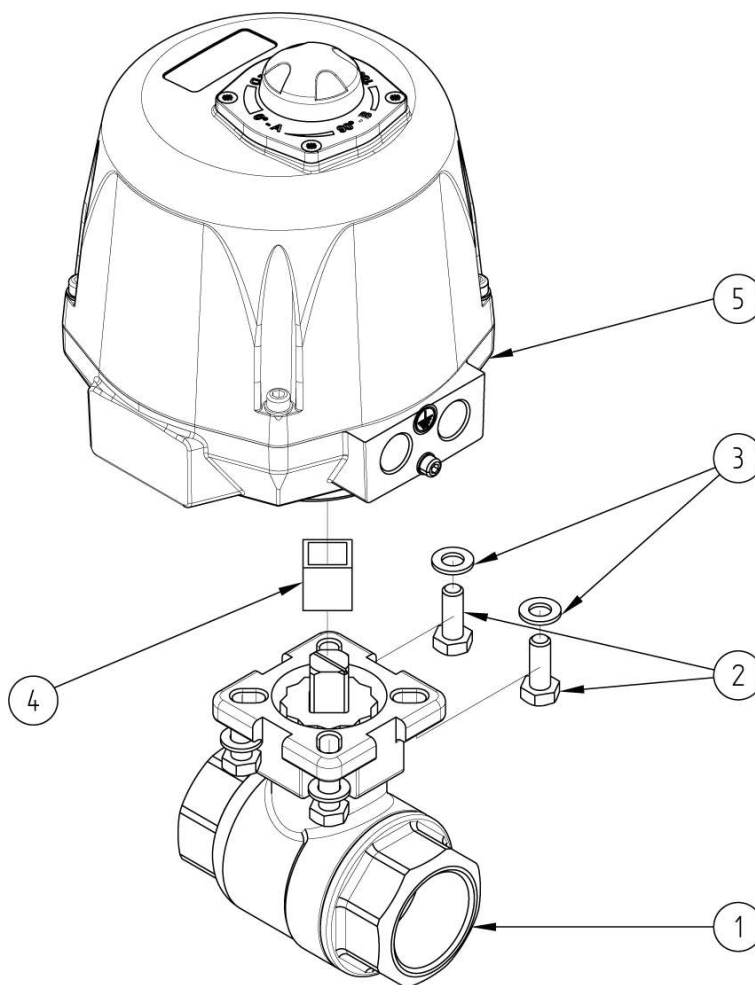
Duty cycle: 50%. Number of starts per hour: 150.

Actuator sized for a valve $\Delta P = \max$. 16 bar. For $\Delta P > 16$ 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	2-PART VALVE (58308)	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:

- **58308** : 2-part female/female valve
- **50849** : Fail-safe ATEX 1/4 turn (90°) electric actuator - IP68

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