

Ball valves

Model 50097 3-part F/F ball valve (58183) with electric actuator IP68 (50844)



Specifications

⇒ Valve

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

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)

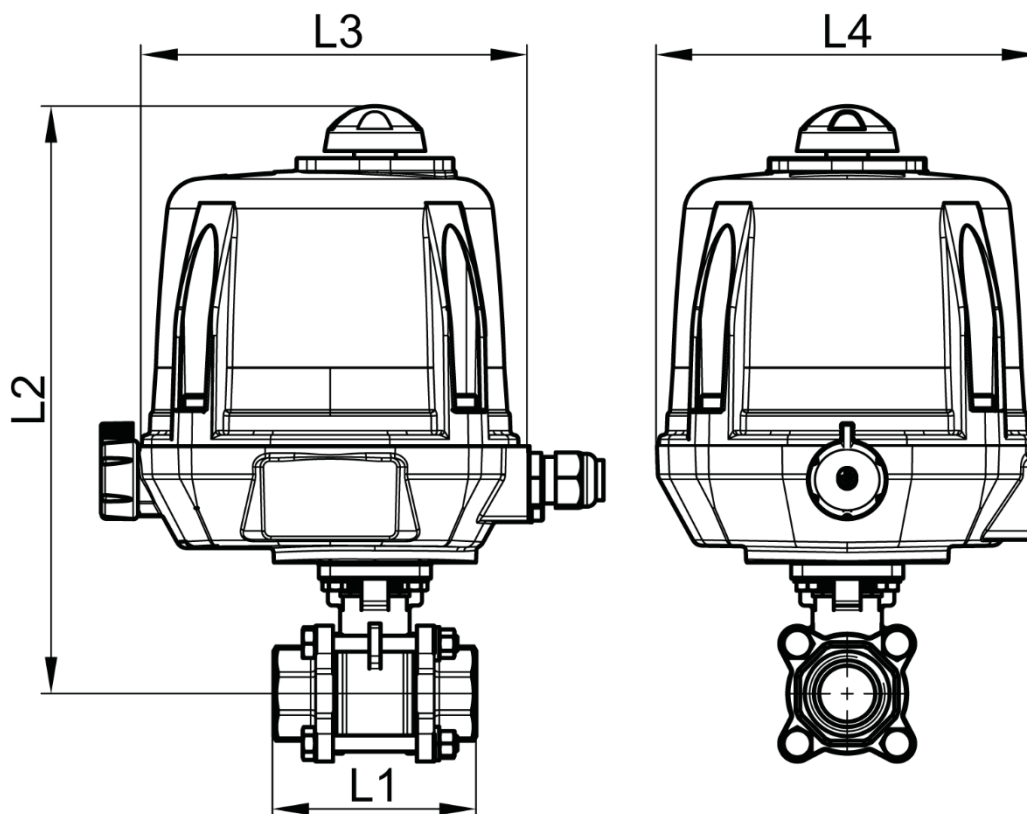
⇒ Electric actuator

Operating temperature: -20°C to +70°C

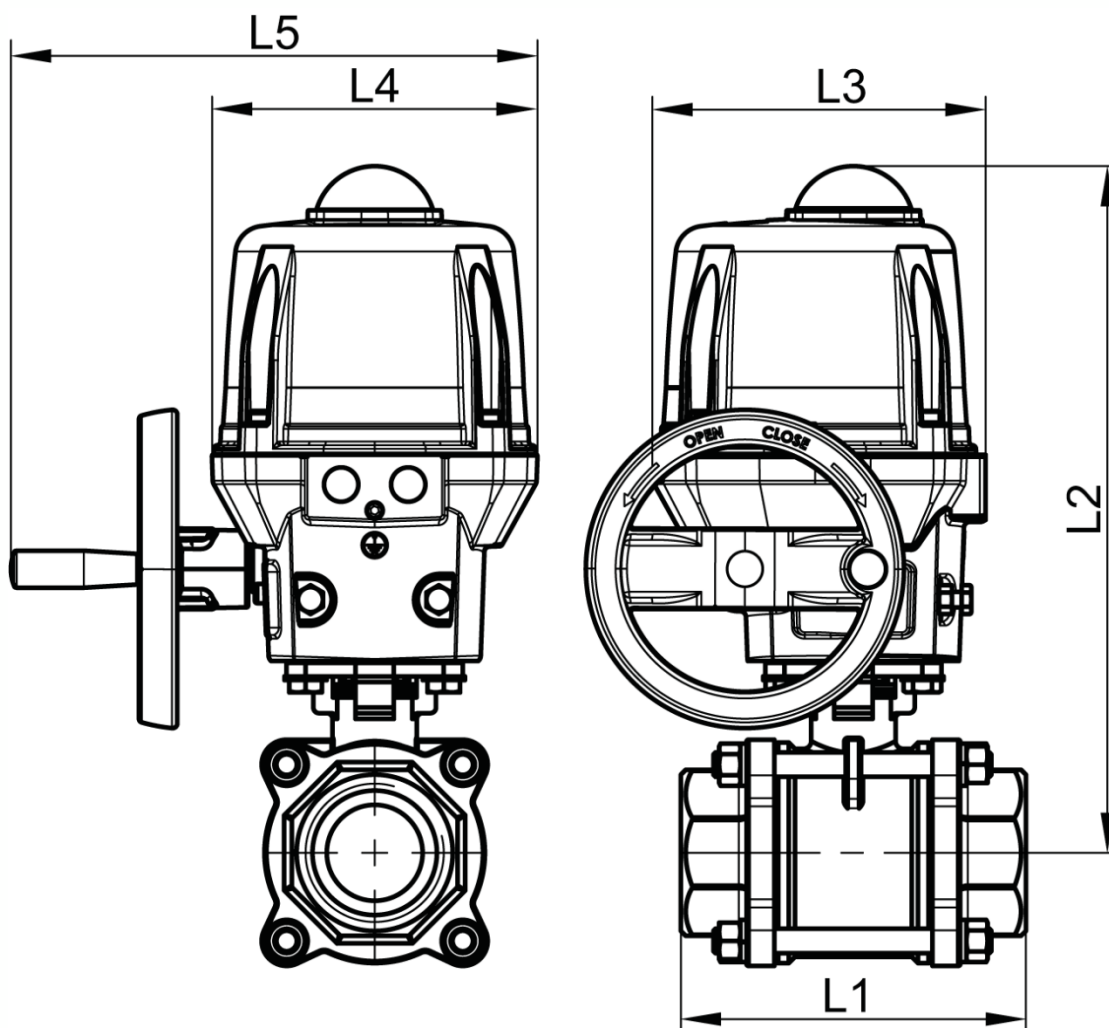
Aluminium housing and plastic cap IP68

Visual position indicator

Self-regulating anti-condensation heater



DN20 to DN50



DN65 to DN100

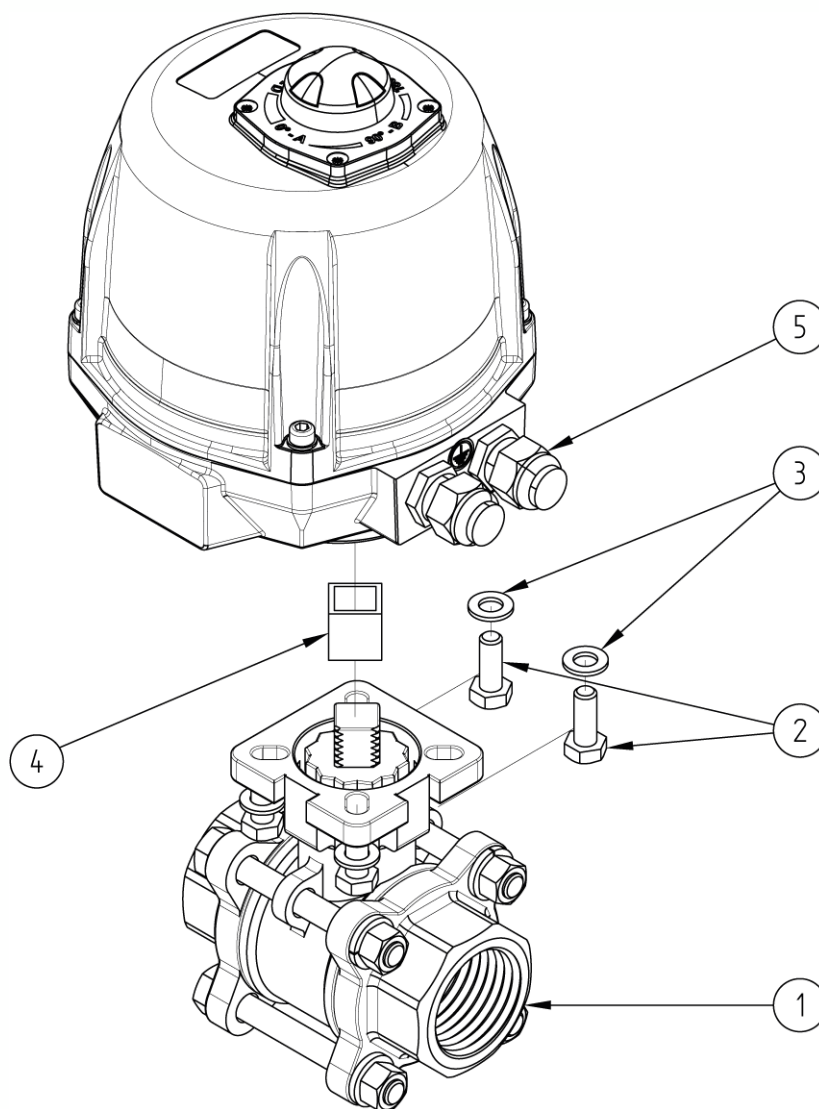
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DN (mm)	NB (inches)	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)	L5 (mm)	Opening/ closing time (90°) (s)	Weight (kg)	Part No. 100-230V AC and 100-350V DC
20	3/4"	80	250	192	170	x	7	4.12	450097-20A
25	1"	90	260	192	170	x	7	4.57	450097-25A
32	1"1/4	110	264	192	170	x	7	5.20	450097-32A
40	1"1/2	120	273	192	170	x	15	6.05	450097-40A
50	2"	140	279	192	170	x	15	7.70	450097-50A
65	2"1/2	185	358	209	170	275	15	13.80	450097-65A
80	3"	205	367	209	170	275	15	17.10	450097-80A
100	4"	240	398	209	170	275	30	28.90	450097-100A

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	450097-20B	10	450097-20C
25	1"	7	450097-25B	10	450097-25C
32	1"1/4	7	450097-32B	10	450097-32C
40	1"1/2	15	450097-40B	10	450097-40C
50	2"	15	450097-50B	10	450097-50C
65	2"1/2	15	450097-65B	10	450097-65C
80	3"	15	450097-80B	10	450097-80C
100	4"	30	450097-100B	20	450097-100C

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 $\Delta P = \max.$ 16 bar. For $\Delta P > 16$ bar, please contact us.
Standard operation: Opening/closing at 0/90°.



N°	Part Name	Material	Quantity
1	3-PART VALVE (58183)	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:

- **58183** : 3-part female/female valve
- **50844** : 1/4 turn (90°) electric actuator - IP68

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