

Ball valves

Model 50091

**3-part F/F ball valve (58183)
and electric actuator IP68 with positioning
unit (50842)**



Specifications

⇒ Valve

Dimensions: DN8 to DN80 (1/4" 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)

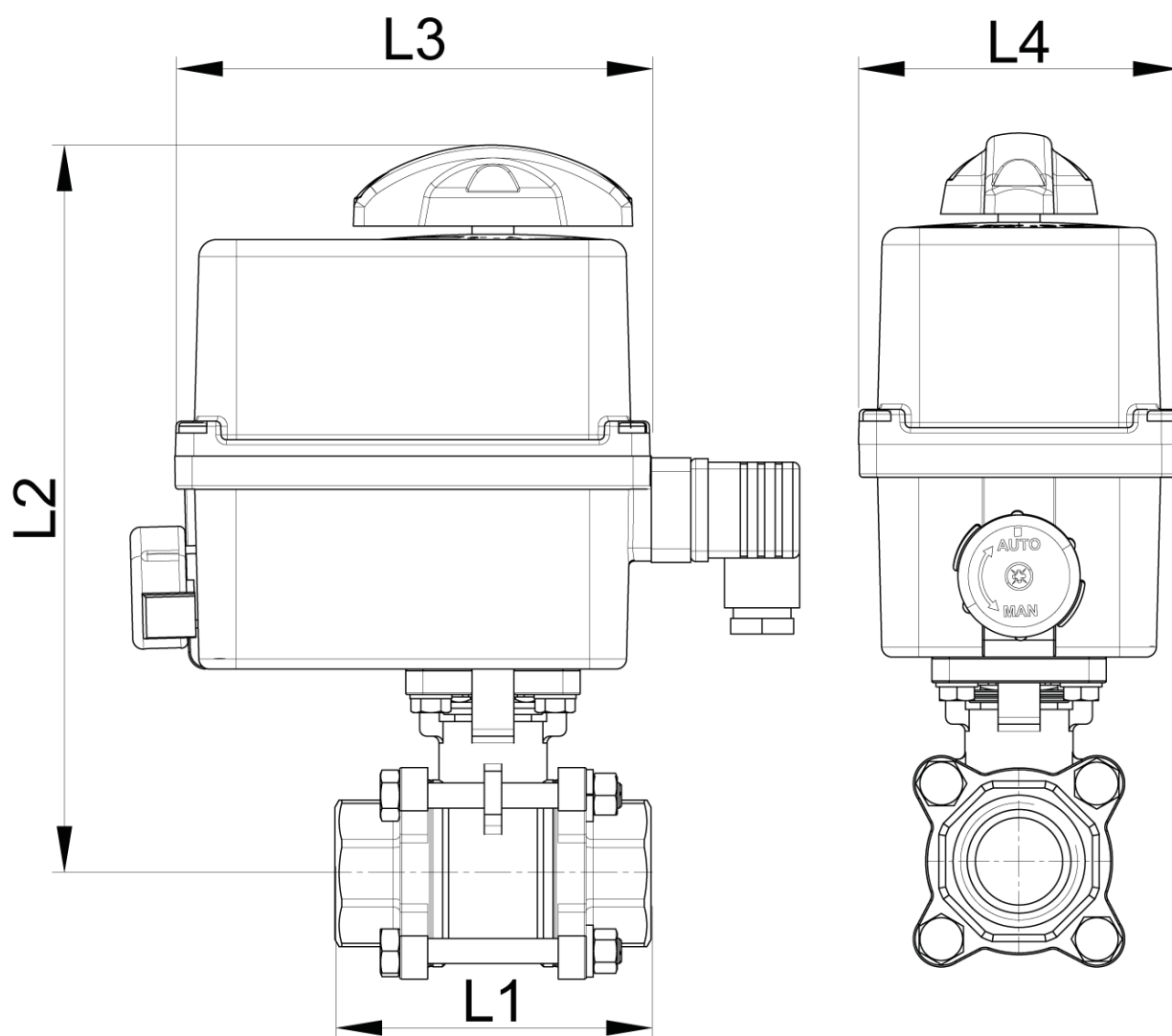
⇒ Electric actuator

Operating temperature: -10°C to +55°C

Plastic housing IP68

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	194	136	92	25	1.72	450091-8A	25	450091-8B
10	3/8"	75	194	136	92	25	1.72	450091-10A	25	450091-10B
15	1/2"	75	194	136	92	25	1.78	450091-15A	25	450091-15B
20	3/4"	80	201	136	92	25	2.02	450091-20A	25	450091-20B
25	1"	90	235	151	128	40	3.57	450091-25A	40	450091-25B
32	1 1/4"	110	239	151	128	40	4.20	450091-32A	40	450091-32B
40	1 1/2"	120	248	151	128	79	5.05	450091-40A	79	450091-40B
50	2"	140	254	151	128	119	6.70	450091-50A	119	450091-50B
65	2 1/2"	185	276	151	128	119	10.80	450091-65A	119	450091-65B

Electric actuator with plastic housing with IP68 protection rating.

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

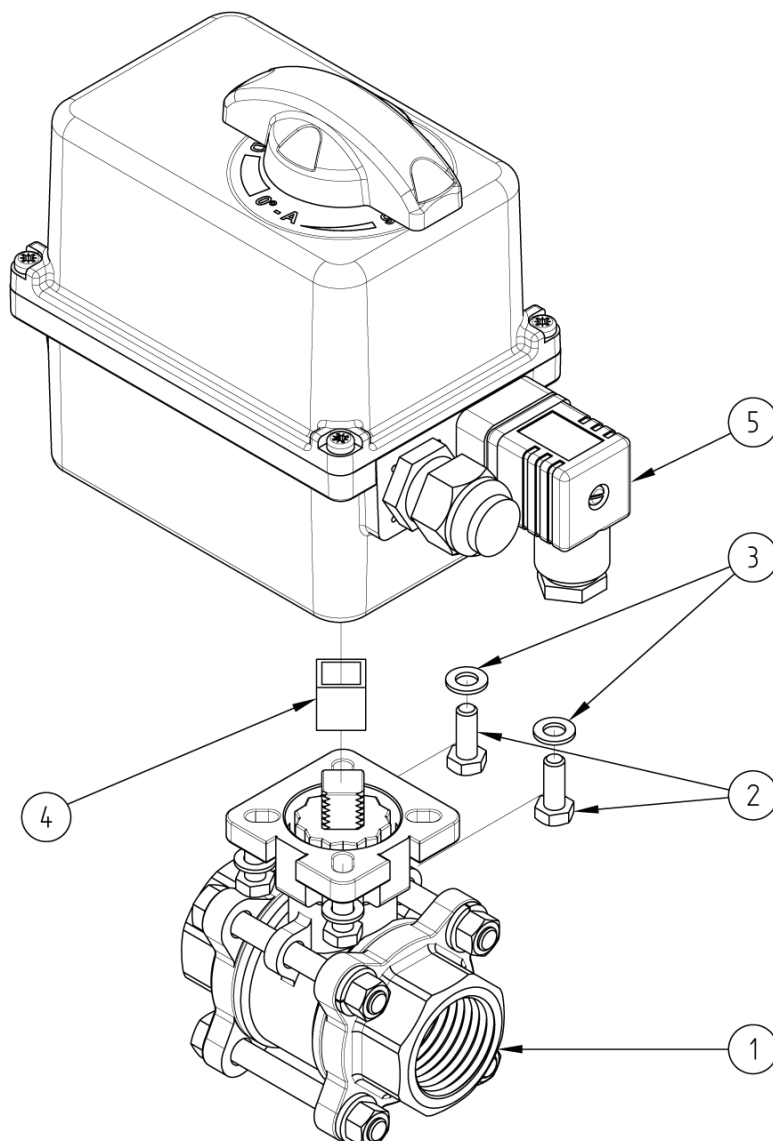
Configurable limit switches. Torque limiting device. Anti-condensation heater.

Actuator operating temperature: -10°C to +55°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.



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 (50842)	PLASTIC	1

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

- **58183** : 3-part female/female valve
- **50842** : 1/4 turn (90°) electric actuator with 4/20mA positioning unit - IP68

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