

Ball valves

Model 50091 3-part F/F ball valve (58183) and electric actuator IP66 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)

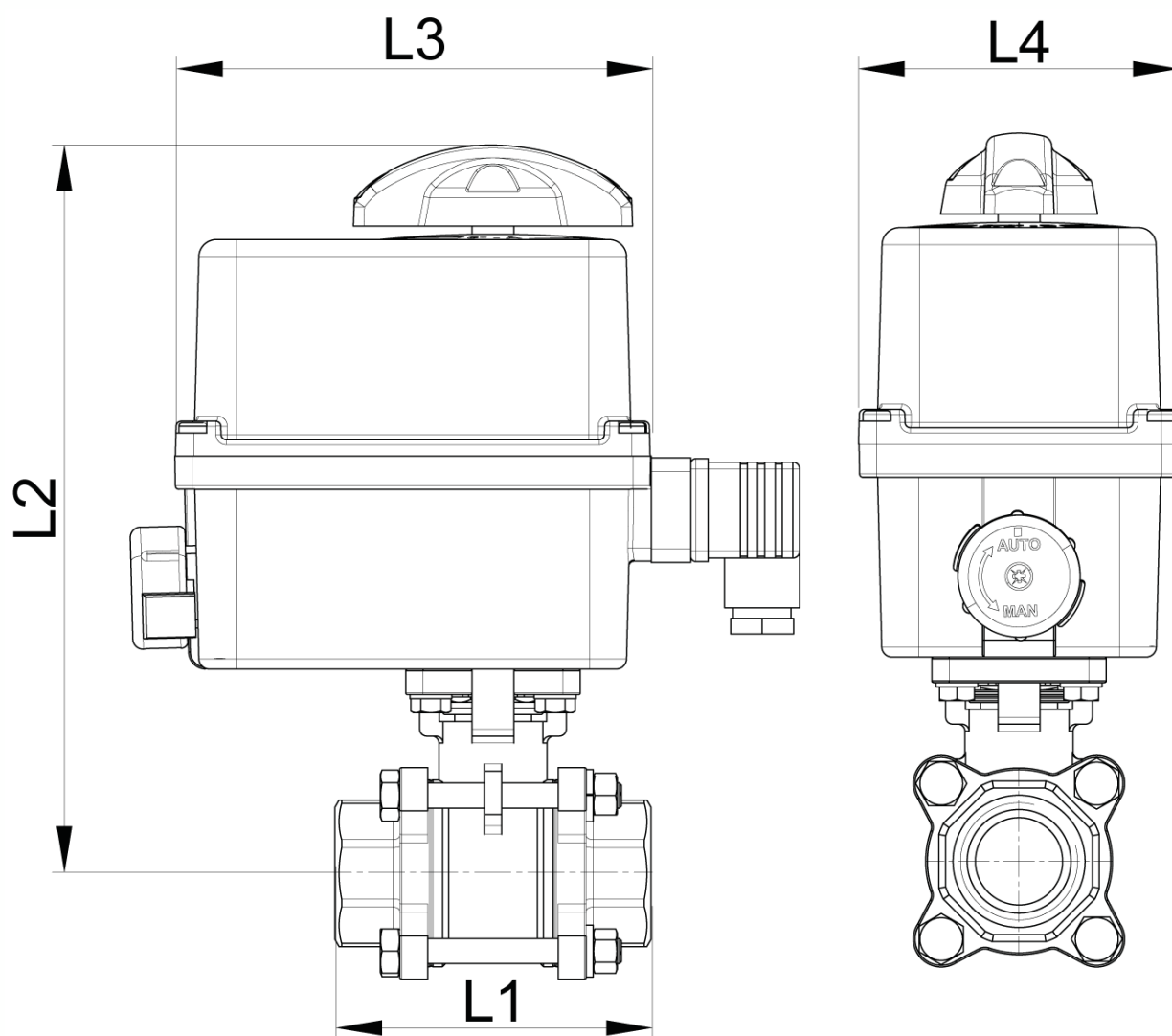
⇒ Electric actuator

Operating temperature: -10°C to +55°C

Plastic housing IP66

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 IP66 protection rating.

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

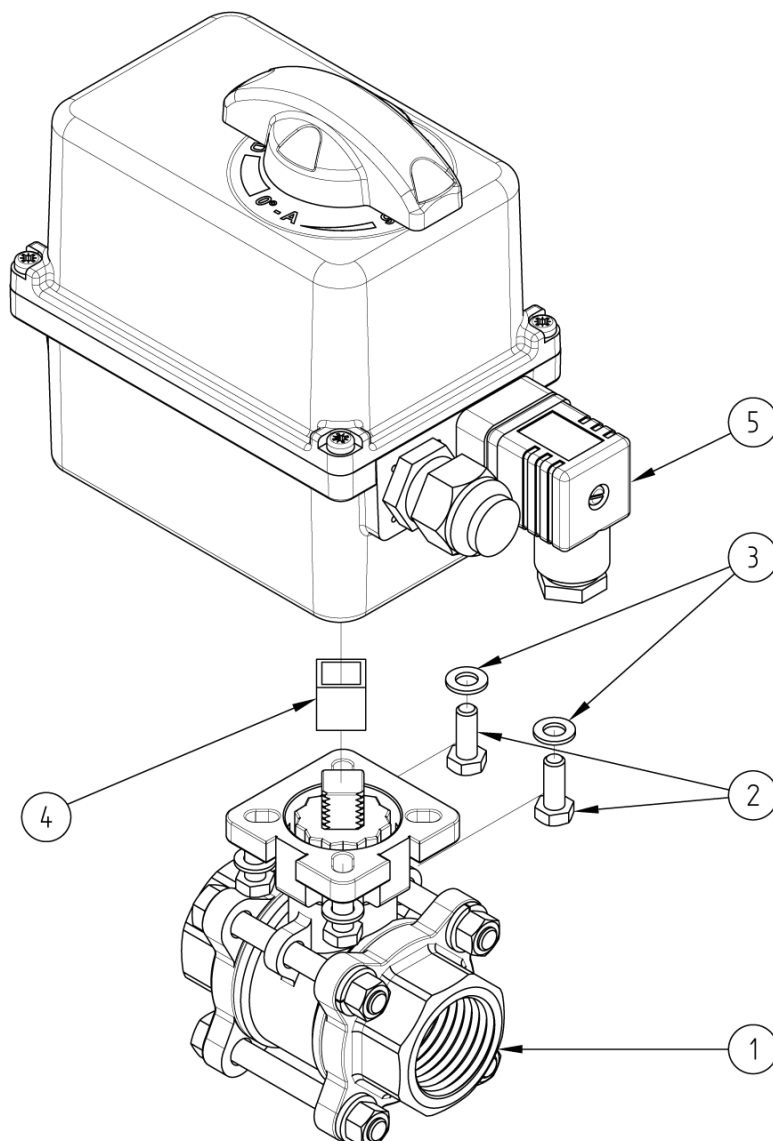
Configurable limit switches. Torque limiting device. Anti-condensation heater.

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 - IP66

Béné Inox – 11 chemin de la Pierre Blanche – 69800 SAINT-PRIEST – S.A.S with 240 000 € share capital – SIREN N° 311 810 287
Tel. N°: +33 (0)4 78 90 48 22 – Fax N°: +33 (0)4 78 90 69 59 – www.bene-inox.com – bene@bene-inox.com

Technical information, illustrations and photographs are provided for information only, they are not contractual. Some may vary according to the tolerances accepted in the profession and the applicable standards. All instructions for use, disassembly and maintenance are recommendations only. These could also vary depending on product usage conditions, its installation environment and purchaser requirements – of which the purchaser alone is responsible for their definition.