

Ball valves

Model 50101 3-part ball valve for socket welding (SW) (58191) with fail-safe electric actuator IP68 (50845)



Specifications

⇒ Valve

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

Connection: to be welded (socket welding)

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)

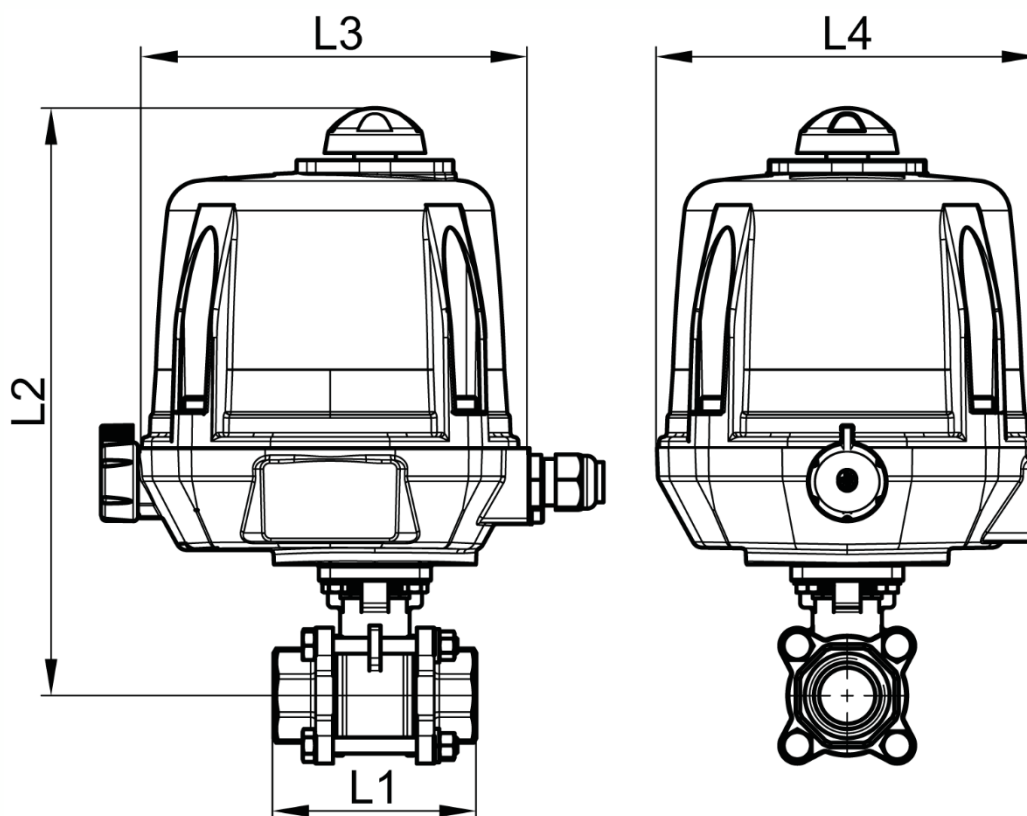
⇒ Electric actuator

Operating temperature: -10°C to +40°C

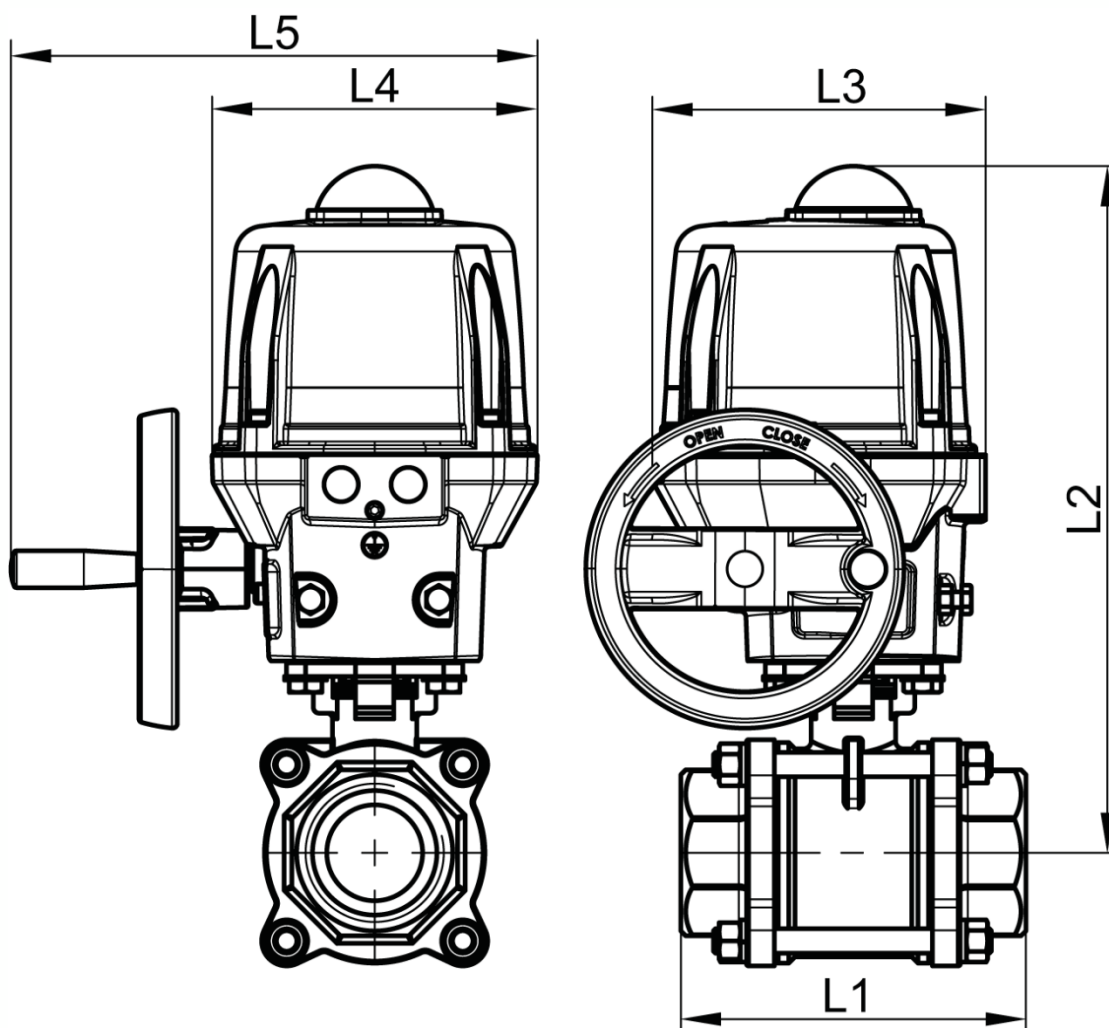
Aluminium housing and plastic cap IP68

Visual position indicator

Anti-condensation heater



DN20 to DN50



DN65 to DN100

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

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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"	80	250	192	170	x	7	4.32	450101-20A	450101-20B
25	1"	90	260	192	170	x	7	4.77	450101-25A	450101-25B
32	1 1/4"	110	264	192	170	x	7	5.40	450101-32A	450101-32B
40	1 1/2"	120	273	192	170	x	15	6.25	450101-40A	450101-40B
50	2"	140	279	192	170	x	15	7.90	450101-50A	450101-50B
65	2 1/2"	185	358	209	170	275	15	14.00	450101-65A	450101-65B
80	3"	205	367	209	170	275	15	17.30	450101-80A	450101-80B
100	4"	240	398	209	170	275	30	29.10	450101-101A	450101-101B

Electric actuator with aluminium housing and plastic cap with IP68 protection rating.

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

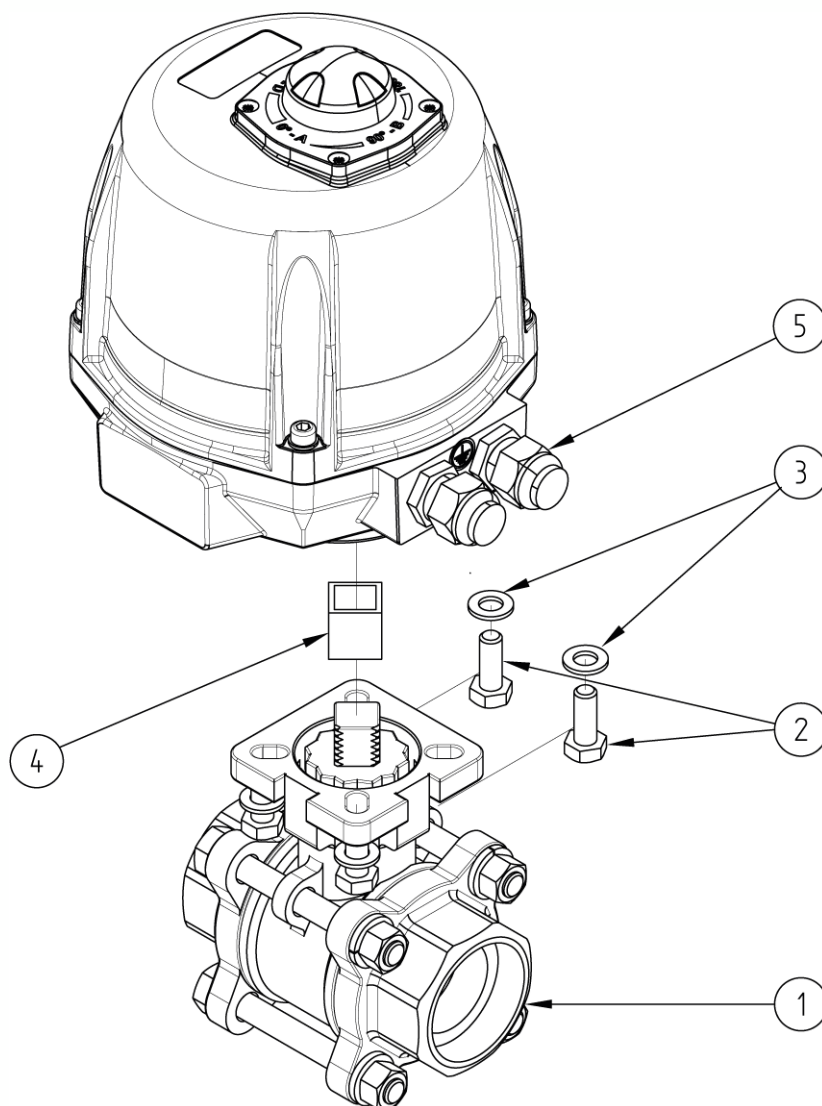
Configurable limit switches. Torque limiting device. Anti-condensation heater.

Actuator operating temperature: -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



N°	Part Name	Material	Quantity
1	3-PART VALVE (58191)	CF8M	1
2	FIXING BOLT	STAINLESS STEEL	4
3	WASHER	STAINLESS STEEL	4
4	COUPLING	STAINLESS STEEL	0 or 1
5	ELECTRIC ACTUATOR (50845)	ALUMINIUM/PLASTIC	1

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

- **58191** : 3-part valve to be welded (socket welding)
- **50845** : Fail-safe ¼ turn (90°) electric actuator - IP68

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