

# 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)

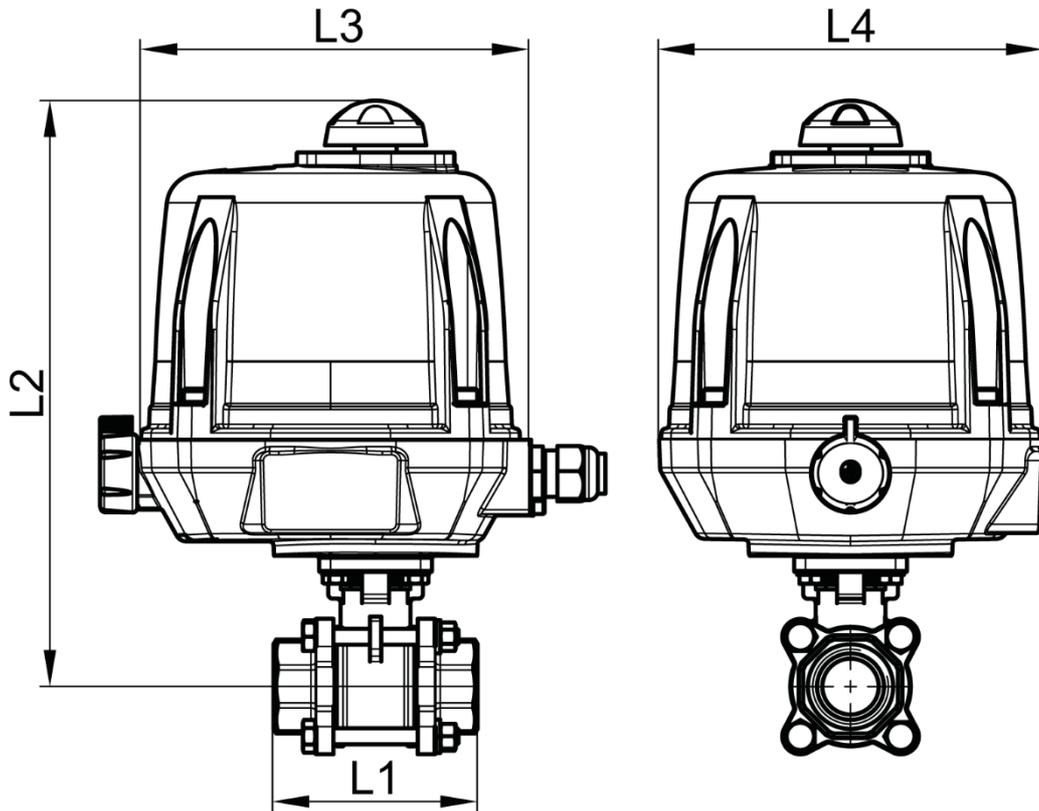
#### ⇒ Electric actuator

**Operating temperature:** -10°C to +40°C

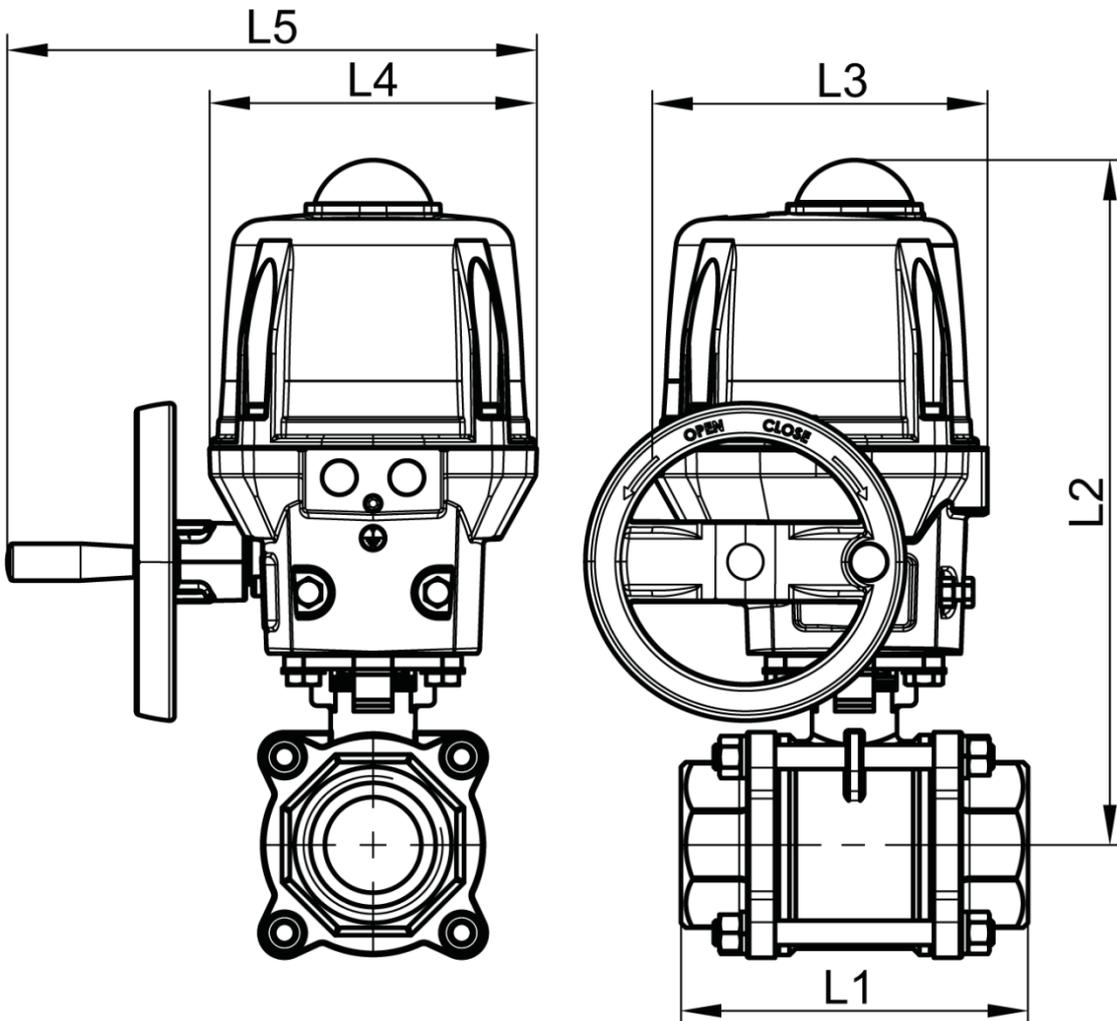
Aluminium housing and plastic cap IP68

Visual position indicator

Anti-condensation heater



DN20 to DN50



DN65 to DN100

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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.

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	20	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.

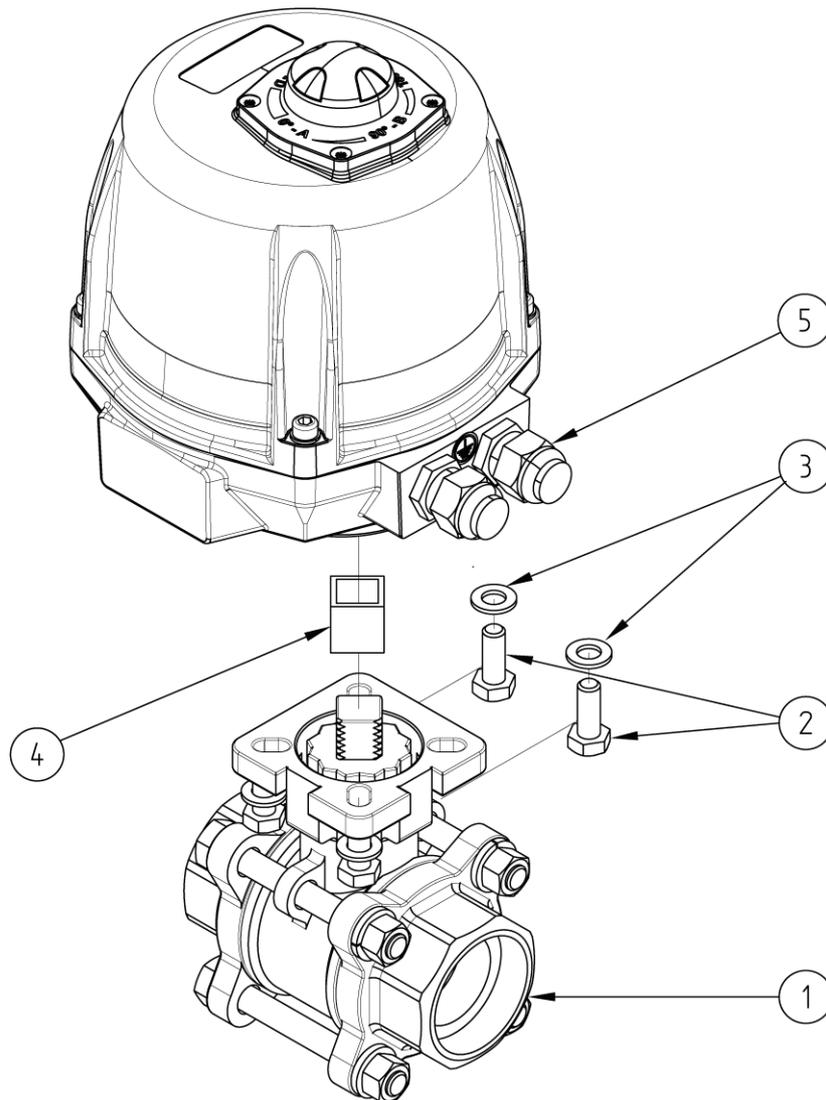
Configurable limit switches. Torque limiting device. Anti-condensation heater.

Actuator operating temperature: -10°C to +40°C.

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

Actuator sized for a valve  $\Delta P = \max. 16 \text{ bar}$ . For  $\Delta P > 16 \text{ bar}$ , 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