

# Ball valves

## Model 50113 3-part ball valve for socket welding (SW) (58191) with fail-safe ATEX electric actuator IP68 (50849)



### 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)

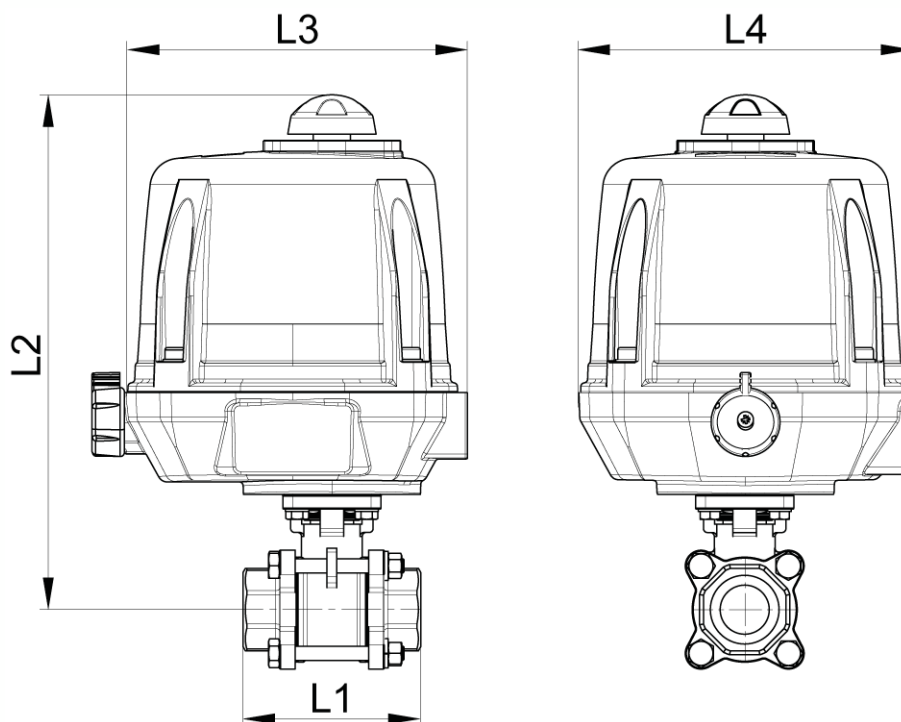
#### ⇒ Electric actuator

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

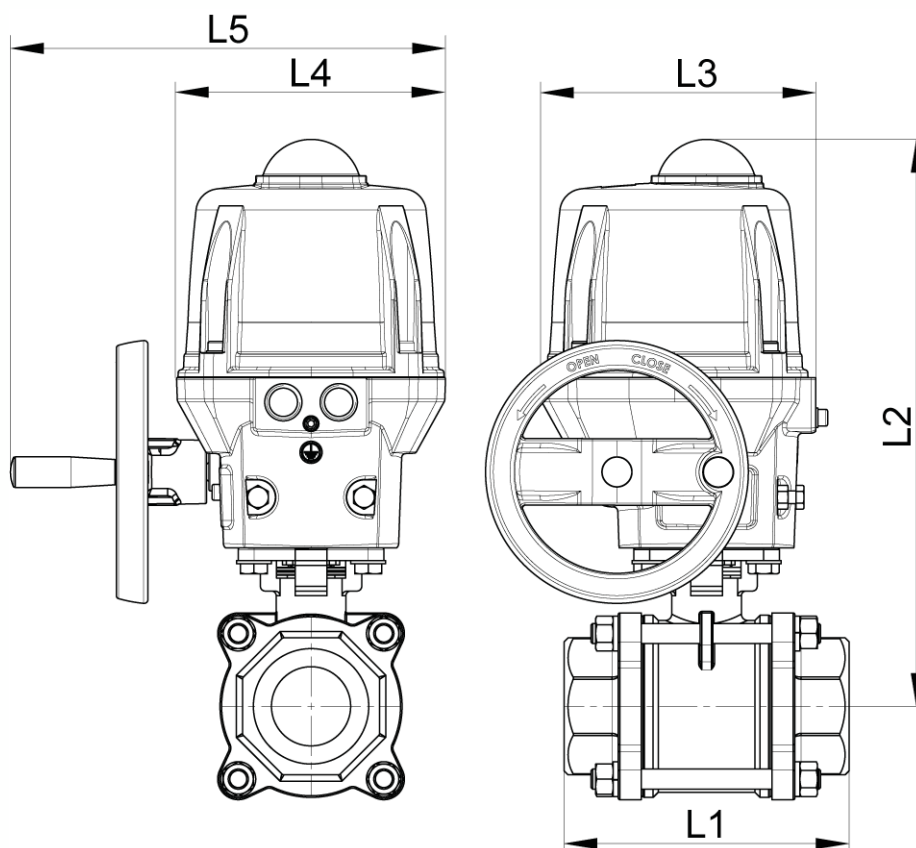
Aluminium housing and cap IP68

Visual position indicator

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	Part No. 15-30V AC and 12-48V DC
20	3/4"	80	250	192	170	x	7	5.22	450113-20A	450113-20B
25	1"	90	260	192	170	x	7	5.67	450113-25A	450113-25B
32	1"1/4	110	264	192	170	x	7	6.30	450113-32A	450113-32B
40	1"1/2	120	273	192	170	x	15	7.15	450113-40A	450113-40B
50	2"	140	279	192	170	x	15	8.80	450113-50A	450113-50B
65	2"1/2	185	358	209	170	275	15	14.90	450113-65A	450113-65B
80	3"	205	367	209	170	275	15	18.20	450113-80A	450113-80B
100	4"	240	398	209	170	275	30	30.00	450113-100A	450113-100B

ATEX 1/4 turn (90°) electric actuator with aluminium housing and cap IP68.

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.

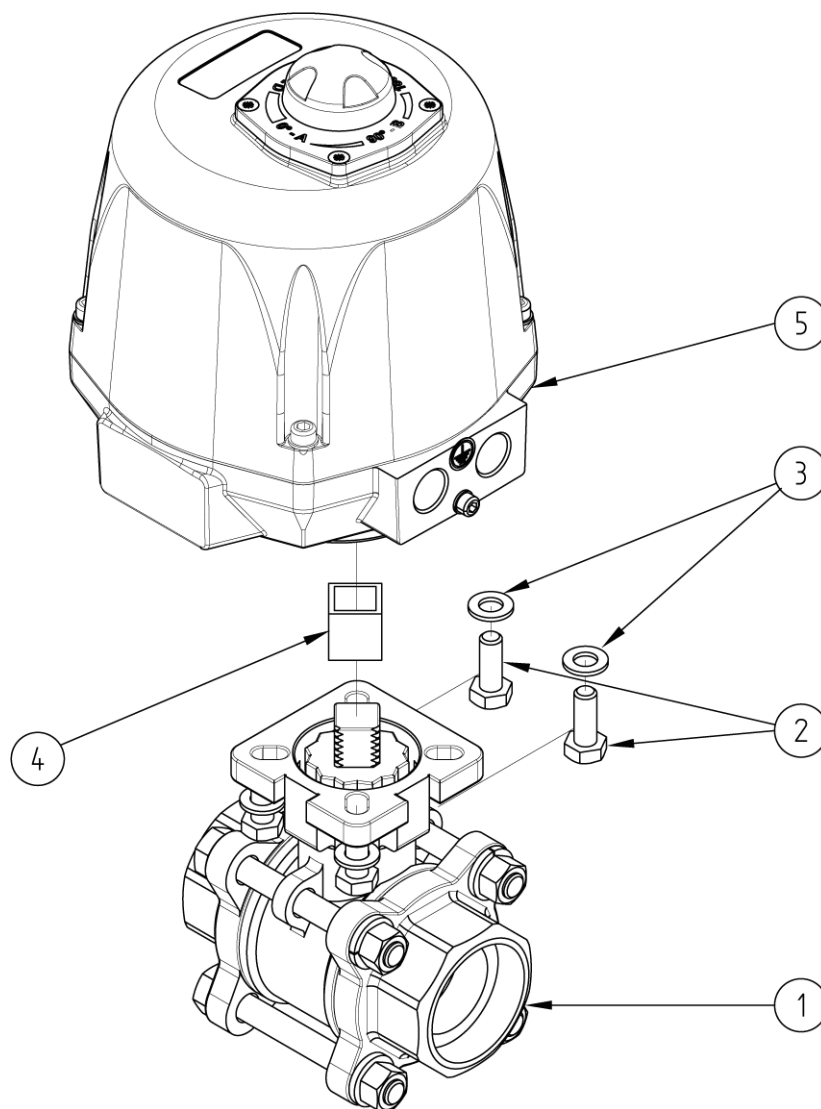
Duty cycle: 50%. Number of starts per hour: 150.

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.

You must order earthing braids separately.

Cable glands are not supplied.



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 (50849)	ALUMINIUM	1

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

- **58191** : 3-part ball valve to be socket welded (SW)
- **50849** : Fail-safe ATEX 1/4 turn (90°) electric actuator - IP68

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