

# Ball valves

## Model 50102 3-part ball valve for butt welding (BW) (58192) with fail-safe electric actuator IP68 (50845)



### Specifications

#### ⇒ Valve

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

**Connection:** to be welded (butt 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

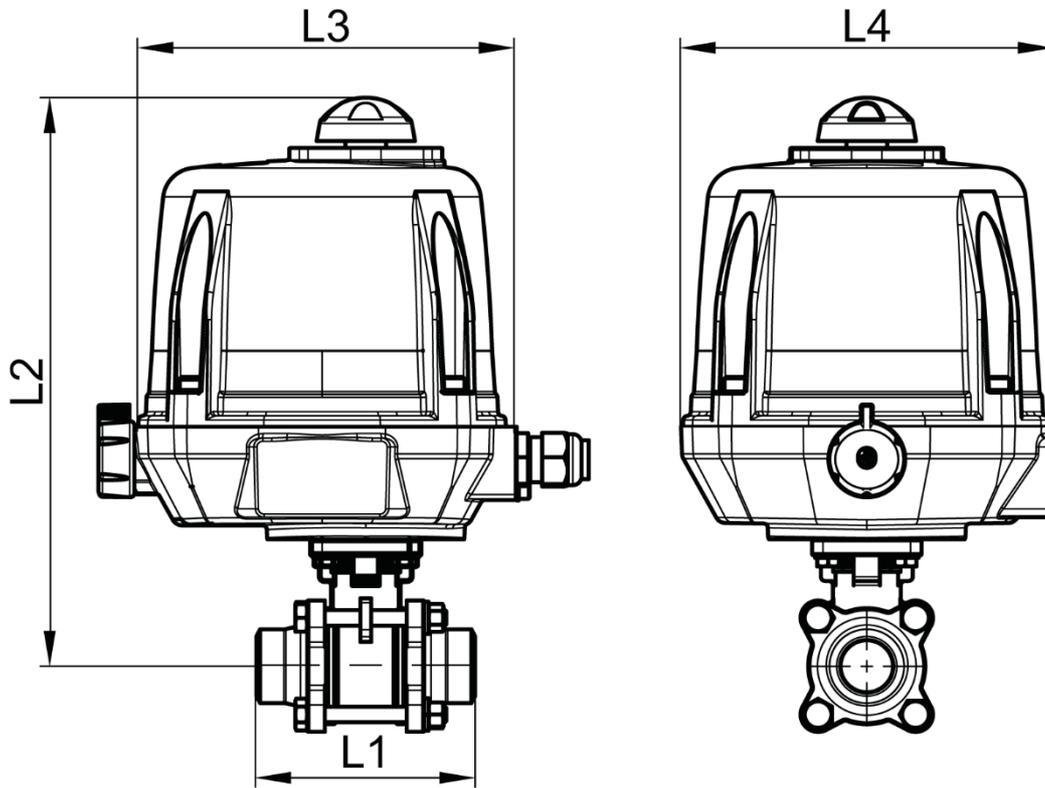
Visual position indicator

Anti-condensation heater

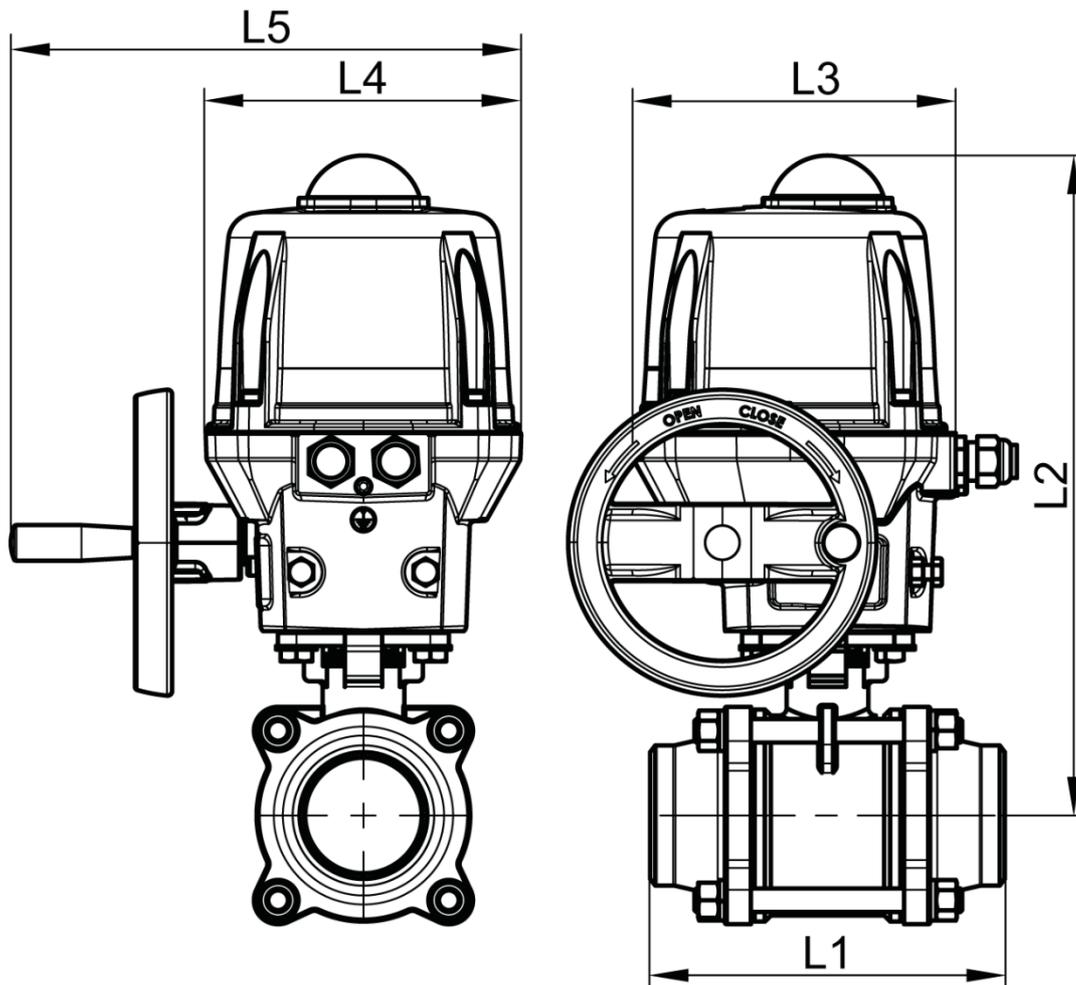


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DN20 to DN50



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"	90	250	192	170	x	7	4.32	450102-20A	450102-20B
25	1"	100	260	192	170	x	7	4.77	450102-25A	450102-25B
32	1"1/4	110	264	192	170	x	7	5.40	450102-32A	450102-32B
40	1"1/2	125	273	192	170	x	15	6.25	450102-40A	450102-40B
50	2"	150	279	192	170	x	20	7.90	450102-50A	450102-50B
65	2"1/2	190	358	209	170	275	15	14.00	450102-65A	450102-65B
80	3"	220	367	209	170	275	15	17.30	450102-80A	450102-80B
100	4"	270	398	209	170	275	30	29.10	450102-102A	450102-102B

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

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

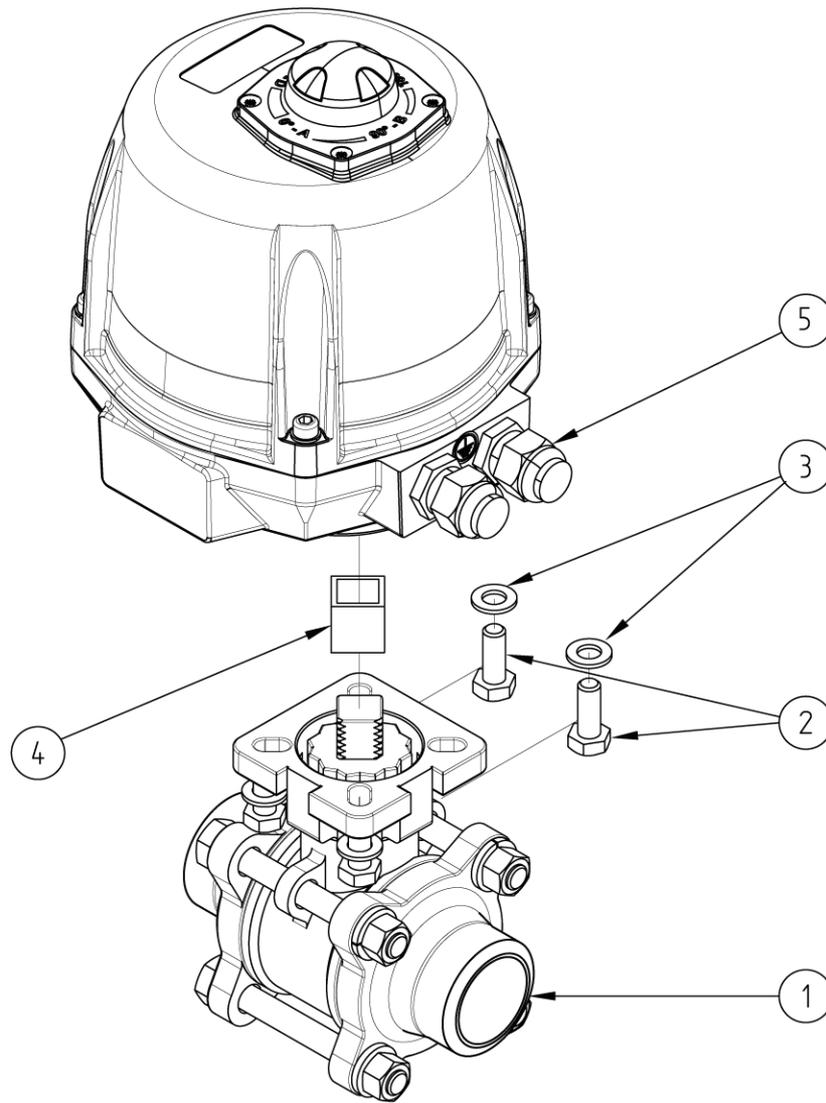
Configurable limit switches. Torque limiting device. Anti-condensation heater.

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 (58192)	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:

- **58192** : 3-part valve to be welded (butt welding)
- **50845** : Fail-safe ¼ turn (90°) electric actuator - IP68