

Ball valves

Model 50111 3-part ball valve for butt welding (BW) (58192) with ATEX electric actuator IP68 (50848)



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: -20°C to +70°C

Aluminium housing and cap IP68

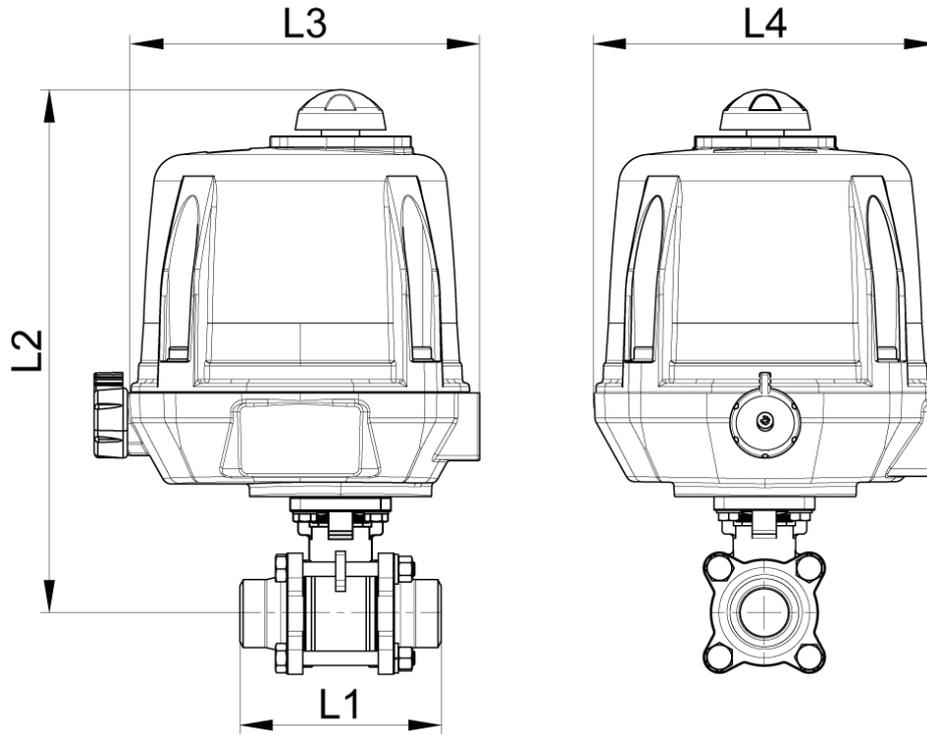
Visual position indicator

Anti-condensation heater

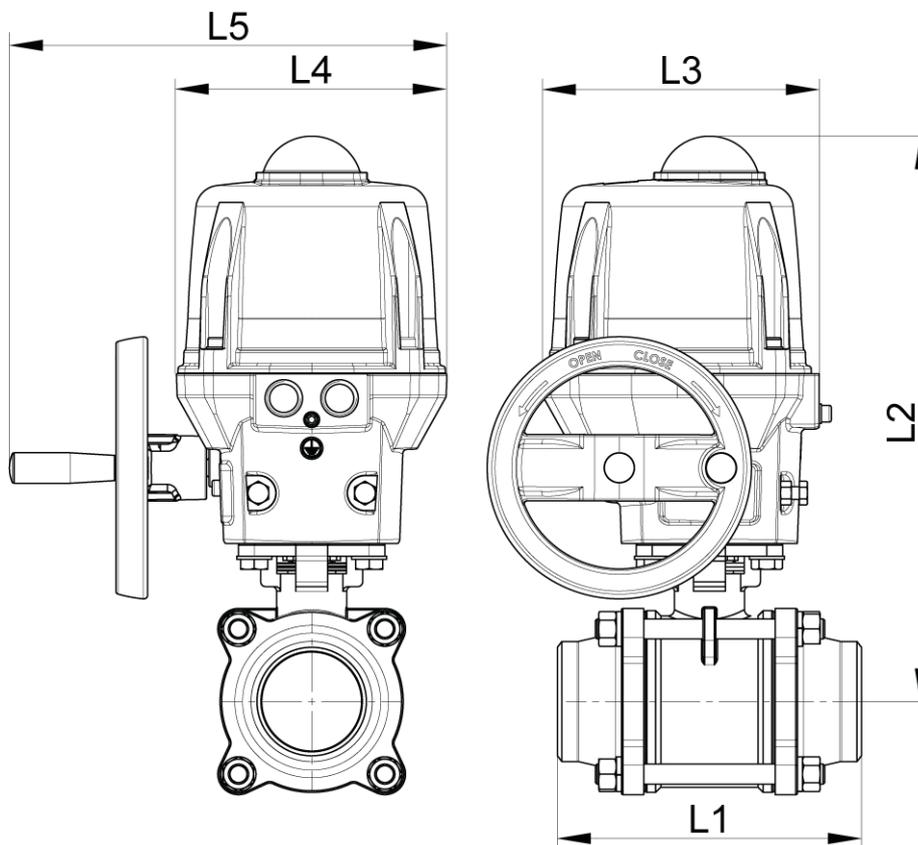


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DN20 to DN50



DN65 to DN100

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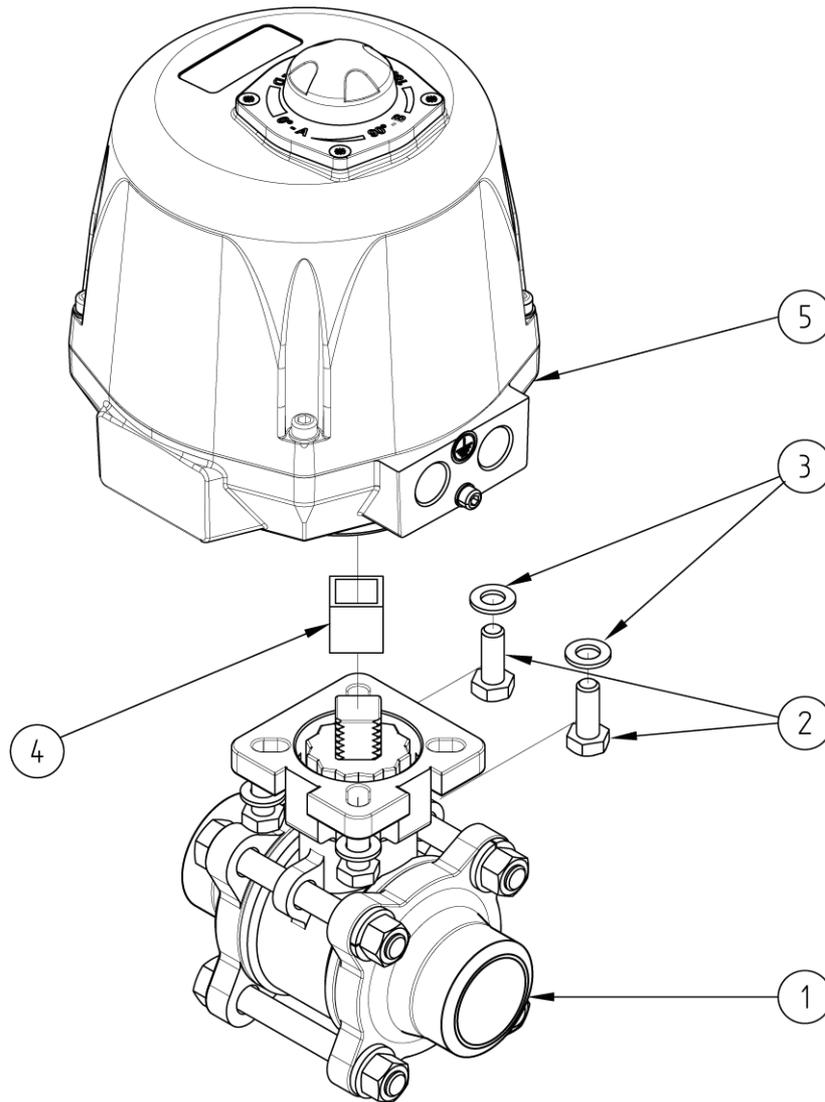
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DN (mm)	NB (inches)	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)	L5 (mm)	Opening/ closing time (90°) (s)	Weight (kg)	Part No. 100-230V AC and 100-350V DC
20	3/4"	90	250	192	170	x	7	5.02	450111-20A
25	1"	100	260	192	170	x	7	5.47	450111-25A
32	1"1/4	110	264	192	170	x	7	6.10	450111-32A
40	1"1/2	125	273	192	170	x	15	6.95	450111-40A
50	2"	150	279	192	170	x	20	8.60	450111-50A
65	2"1/2	190	358	209	170	275	15	14.70	450111-65A
80	3"	220	367	209	170	275	15	18.00	450111-80A
100	4"	270	398	209	170	275	30	29.80	450111-100A

DN (mm)	NB (inches)	Opening/ closing time (90°) (s)	Part No. 15-30V AC and 12-48V DC	Opening/ closing time (90°) (s)	Part No. 400V TRI 50/60 Hz
20	3/4"	7	450111-20B	10	450111-20C
25	1"	7	450111-25B	10	450111-25C
32	1"1/4	7	450111-32B	10	450111-32C
40	1"1/2	15	450111-40B	10	450111-40C
50	2"	20	450111-50B	15	450111-50C
65	2"1/2	15	450111-65B	10	450111-65C
80	3"	15	450111-80B	10	450111-80C
100	4"	30	450111-100B	20	450111-100C

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: -20°C to +70°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.
 Standard operation: Opening/closing at 0/90°.

You must order earthing braids separately.
 Cable glands are not supplied.



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 (50848)	ALUMINIUM	1

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

- **58192** : 3-part ball valve to be butt welded (BW)
- **50848** : ATEX ¼ turn (90°) electric actuator - IP68