

Ball valves

Model 50180 3-part ball valve for socket welding (SW) (58471) with ATEX electric actuator IP68 (50848)



Specifications

⇒ Valve

Dimensions: DN20 to DN50 (3/4" to 2")

Connection: to be welded (socket welding)

Pressure: PN100 (1500 lbs)

Operating temperature: -29°C to +200°C

Material: 316 or CF8M stainless steel
(for the stainless steel parts that can come into contact with the transported fluid)

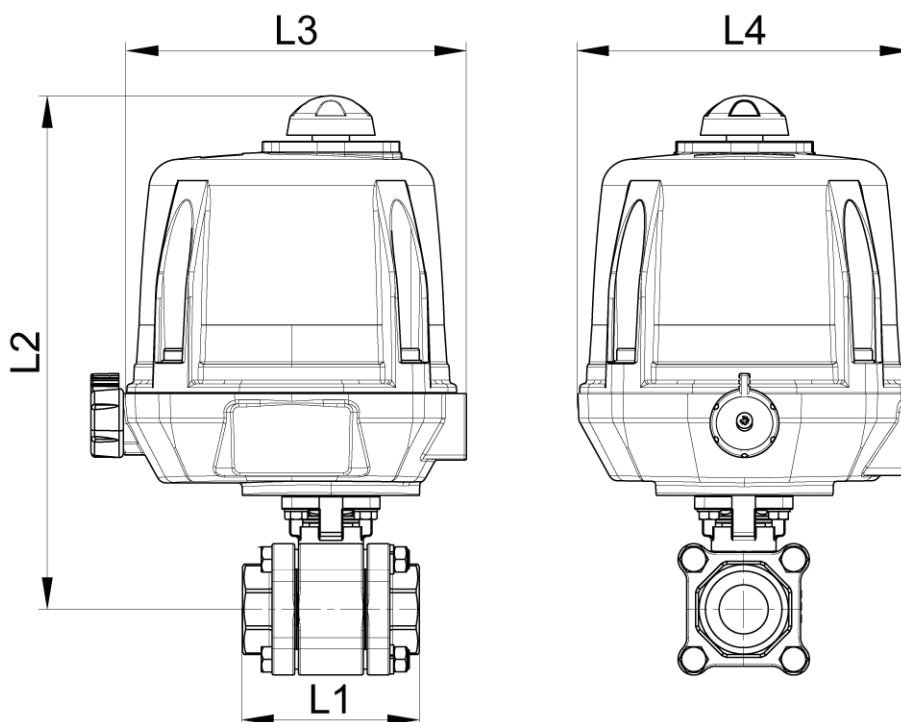
⇒ Electric actuator

Operating temperature: -20°C to +70°C

Aluminium housing and cap IP68

Visual position indicator

Anti-condensation heater



DN (mm)	NB (inches)	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)	Opening/ closing time (90°) (s)	Weight (kg)	Part No. 100-230V AC and 100-350V DC
20	3/4"	81	244	192	170	7	5.22	450180-20A
25	1"	90	251	192	170	7	5.67	450180-25A
32	1"1/4	110	259	192	170	7	6.30	450180-32A
40	1"1/2	122	264	192	170	15	7.20	450180-40A
50	2"	140	276	192	170	15	8.70	450180-50A

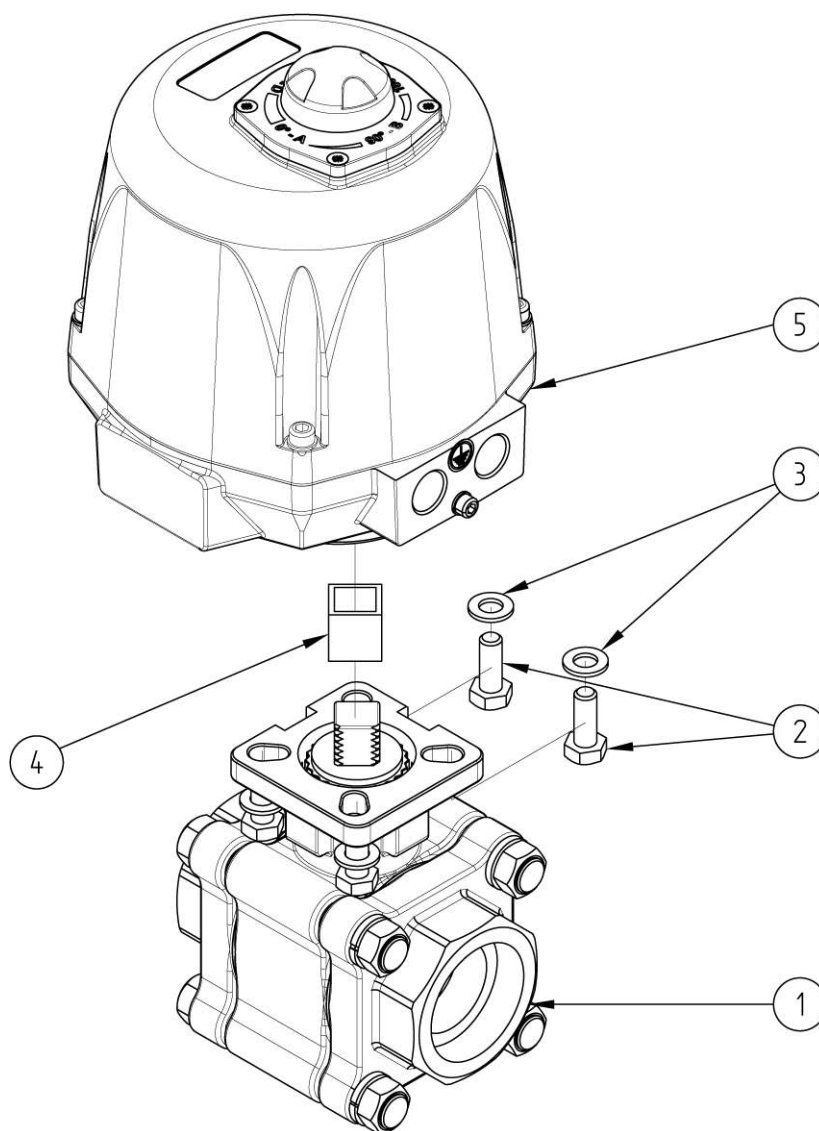
DN (mm)	NB (inches)	Opening/ closing time (90°) (s)	Part No. 15-30V AC and 12-48V DC	Opening/ closing time (90°) (s)	Part No. 400V TRI 50/60 Hz
20	3/4"	7	450180-20B	10	450180-20C
25	1"	7	450180-25B	10	450180-25C
32	1"1/4	7	450180-32B	10	450180-32C
40	1"1/2	15	450180-40B	10	450180-40C
50	2"	15	450180-50B	10	450180-50C

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.

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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N°	Part Name	Material	Quantity
1	3-PART VALVE (58471)	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:

- **58471** : 3-part valve to be socket welded (SW)
- **50848** : ATEX ¼ turn (90°) electric actuator - IP68