

Ball valves

Model 50186

**3-part ball valve for socket welding (SW)
(58471)
and ATEX electric actuator IP68 with
positioning unit (50850)**



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)

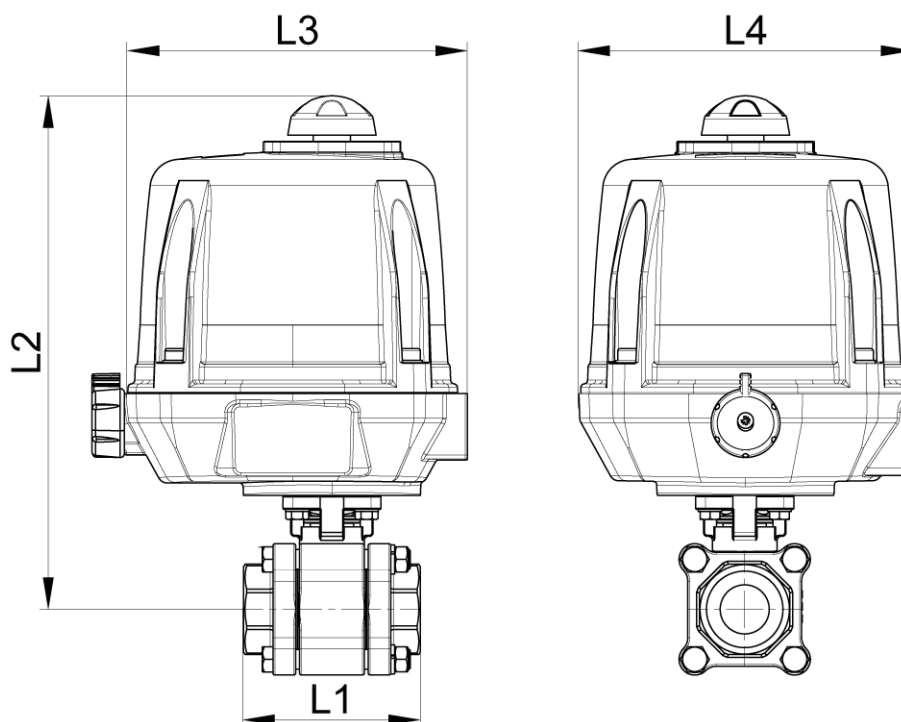
⇒ Electric actuator

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	Part No. 15-30V AC and 12-48V DC
20	3/4"	81	244	192	170	15	5.42	450186-20A	450186-20B
25	1"	90	251	192	170	15	5.87	450186-25A	450186-25B
32	1"1/4	110	259	192	170	15	6.50	450186-32A	450186-32B
40	1"1/2	122	264	192	170	15	7.40	450186-40A	450186-40B
50	2"	140	276	192	170	20	8.90	450186-50A	450186-50B

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.

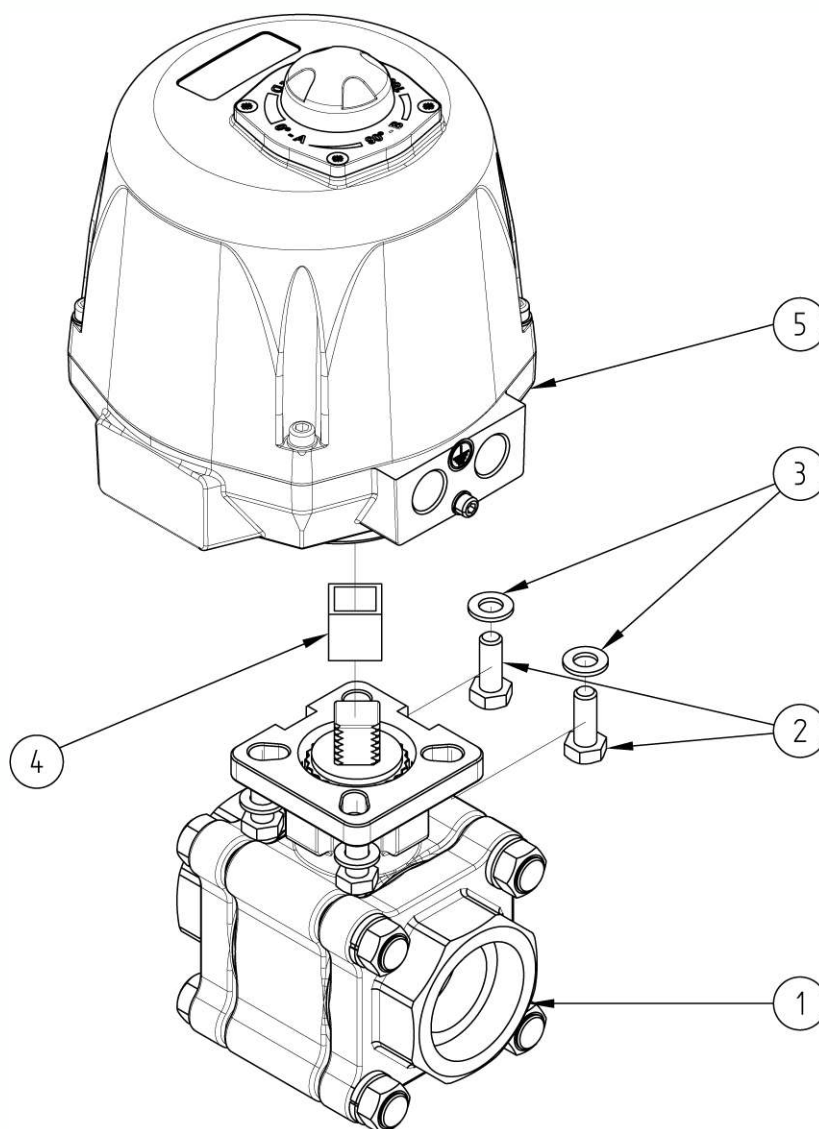
Duty cycle: 50%. Number of starts per hour: 150.

Actuator sized for a valve $\Delta P = \max$. 16 bar. For $\Delta P > 16$ bar, please contact us.

Positioner version: The integrated positioning unit makes it possible to control the valve (opening/closing regulation) with a 4-20mA (or 0/10V) signal.

You must order earthing braids separately.

Cable glands are not supplied.



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 (50850)	ALUMINIUM	1

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

- **58471** : 3-part valve to be socket welded (SW)
- **50850** : ATEX 1/4 turn (90°) electric actuator with 4/20mA positioning unit - IP68

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