

Ball valves

Model 50160

**3-part ball valve for butt welding (BW)
(58472) with fail-safe electric actuator
IP68 (50841)**



Specifications

⇒ Valve

Dimensions: DN8 to DN50 (1/4" to 2")

Connection: to be welded (butt 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)

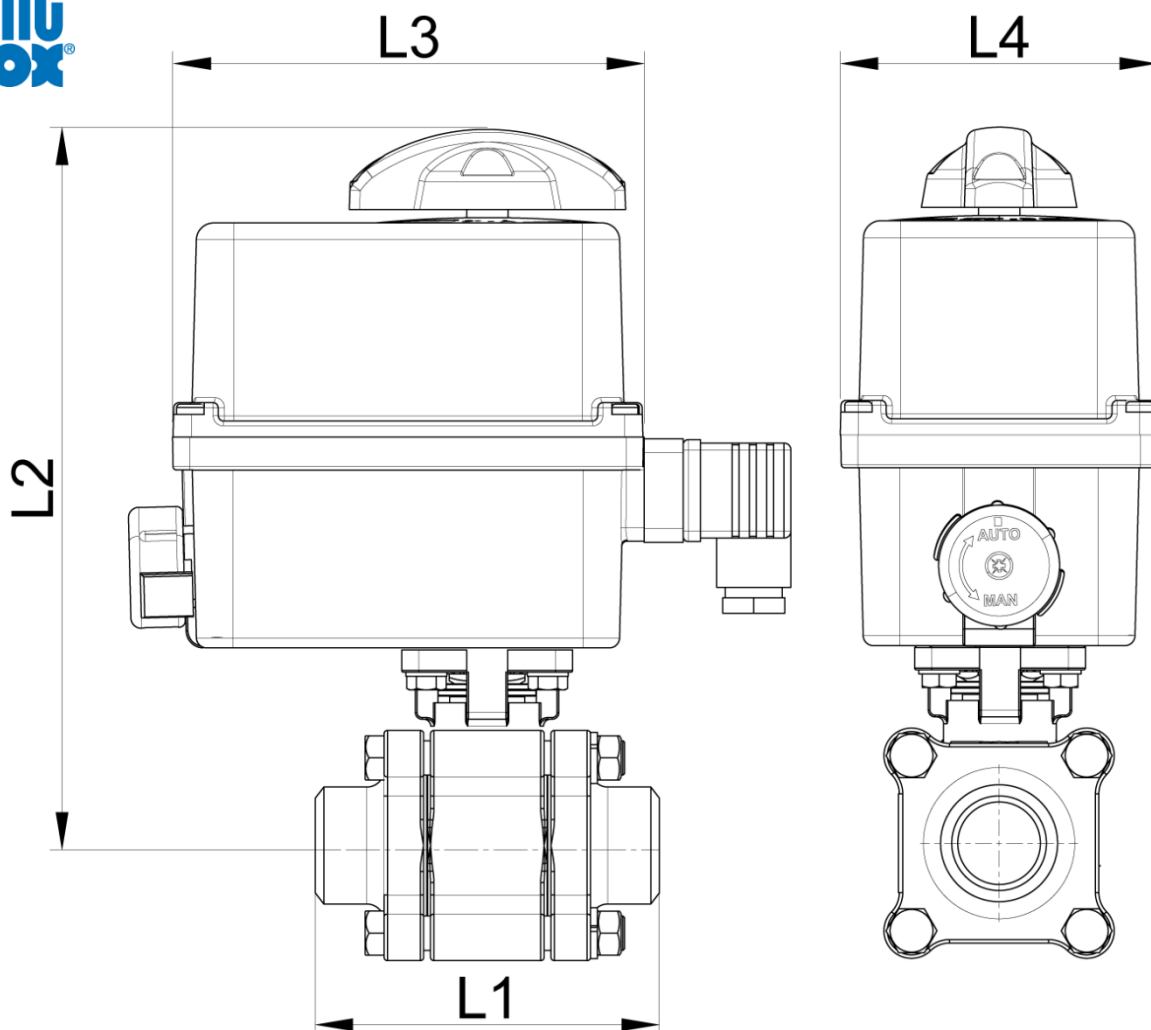
⇒ Electric actuator

Operating temperature: -10°C to +40°C

Plastic housing IP68

Visual position indicator

Self-regulating 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	Opening/ closing time (90°) (s)	Part No. 15-30V AC and 12-48V DC
8	1/4"	70	195	136	92	12	1.85	450160-8A	12	450160-8B
10	3/8"	70	195	136	92	12	1.92	450160-10A	12	450160-10B
15	1/2"	75	195	136	92	12	1.98	450160-15A	12	450160-15B
20	3/4"	92	195	136	92	12	2.22	450160-20A	12	450160-20B
25	1"	100	226	151	128	7	3.77	450160-25A	12	450160-25B
32	1 1/4"	110	234	151	128	7	4.40	450160-32A	7	450160-32B
40	1 1/2"	125	239	151	128	12	5.30	450160-40A	12	450160-40B
50	2"	150	251	151	128	23	6.80	450160-50A	22	450160-50B

Electric actuator with plastic housing 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 +55°C (except for the fail-safe version: -10°C to +40°C).

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

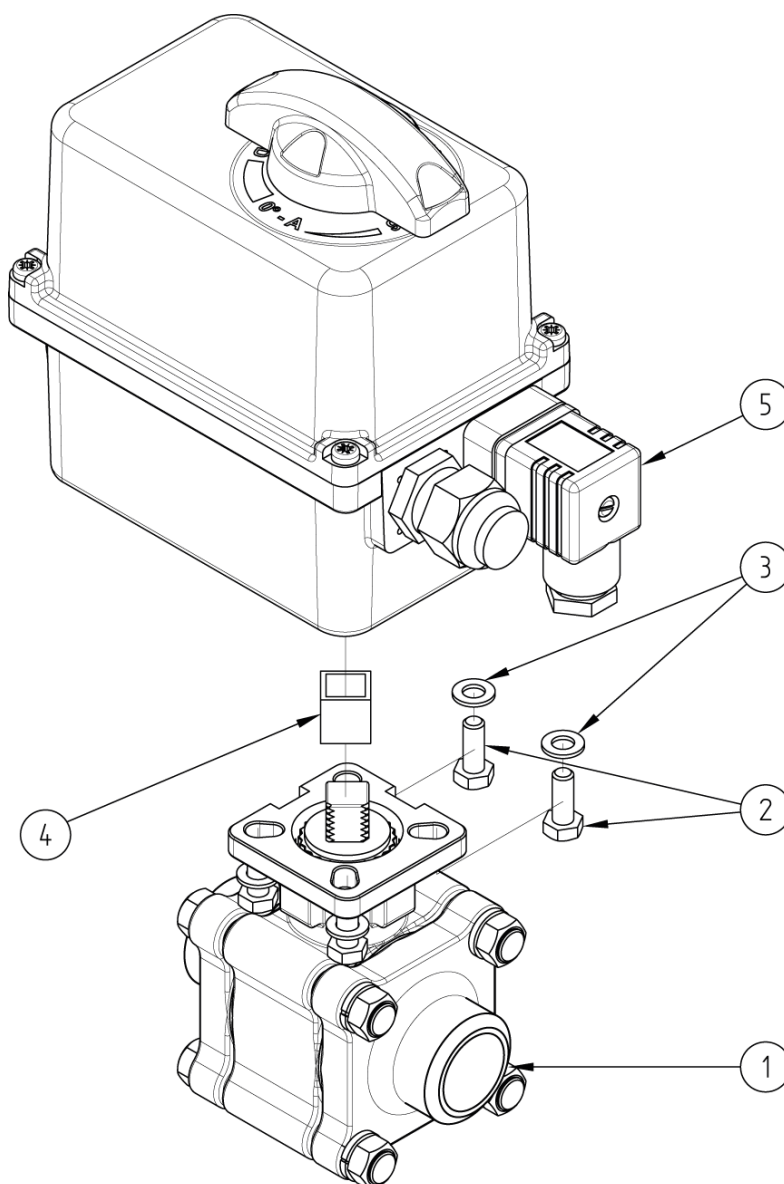
Actuator sized for a valve $\Delta P = \max$. 16 bar. For $\Delta P > 16$ bar, please contact us.

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.

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N°	Part Name	Material	Quantity
1	3-PART VALVE (58472)	CF8M	1
2	FIXING BOLT	STAINLESS STEEL	4
3	WASHER	STAINLESS STEEL	4
4	COUPLING	STAINLESS STEEL	0 or 1
5	ELECTRIC ACTUATOR (50841)	PLASTIC	1

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

- **58472** : 3-part valve to be butt welded (BW)
- **50841** : Fail-safe ¼ turn (90°) electric actuator - IP68