

Ball valves

Model 50159

**3-part ball valve for socket welding (SW)
(5847I)**

with fail-safe electric actuator IP68 (5084I)



Specifications

⇒ Valve

Dimensions: DN8 to DN50 (1/4" 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)

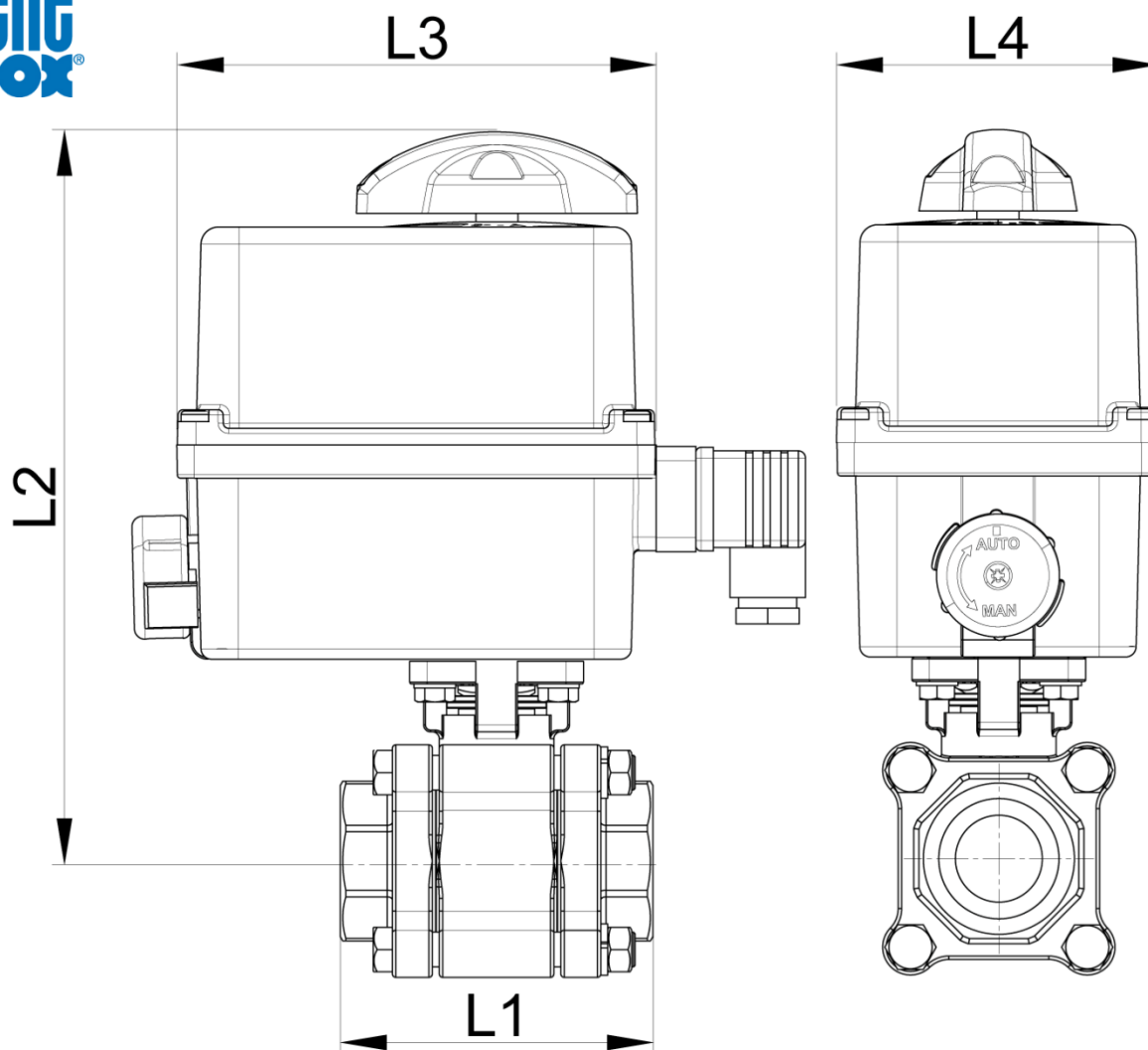
⇒ Electric actuator

Operating temperature: -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"	75	195	136	92	12	1.85	450159-8A	12	450159-8B
10	3/8"	75	195	136	92	12	1.92	450159-10A	12	450159-10B
15	1/2"	75	195	136	92	12	1.98	450159-15A	12	450159-15B
20	3/4"	81	195	136	92	12	2.22	450159-20A	12	450159-20B
25	1"	90	226	151	128	7	2.67	450159-25A	12	450159-25B
32	1 1/4"	110	234	151	128	7	4.40	450159-32A	7	450159-32B
40	1 1/2"	122	239	151	128	12	5.30	450159-40A	12	450159-40B
50	2"	140	251	151	128	23	6.80	450159-50A	22	450159-50B

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.

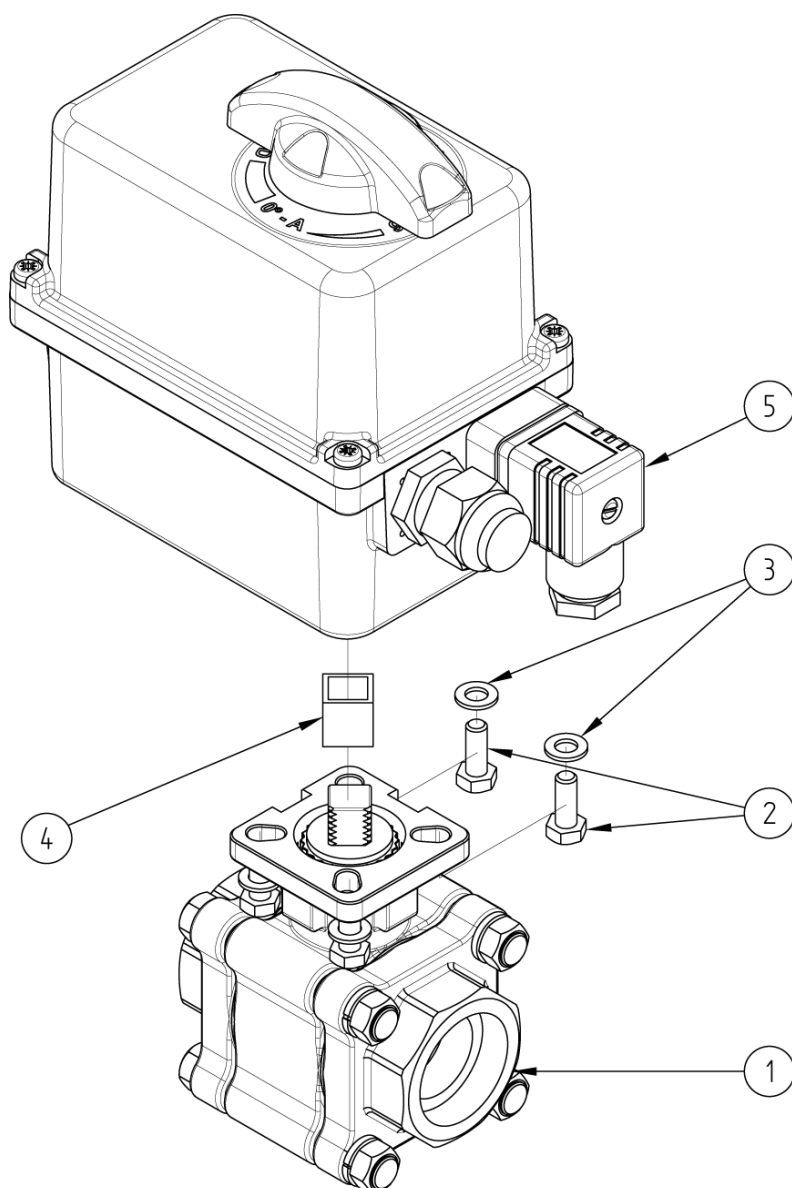
Actuator sized for a valve $\Delta P = \max$. 16 bar. For $\Delta P > 16$ bar, please contact us.

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 (58471)	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:

- **58471** : 3-part ball valve to be socket welded (SW)
- **50841** : Fail-safe ¼ turn (90°) electric actuator - IP68

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