

Ball valves

Model 50090 3-part ball valve for butt welding (BW) (58192) with fail-safe electric actuator IP68 (50841)



Specifications

⇒ Valve

Dimensions: DN8 to DN80 (1/4" to 3")

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)

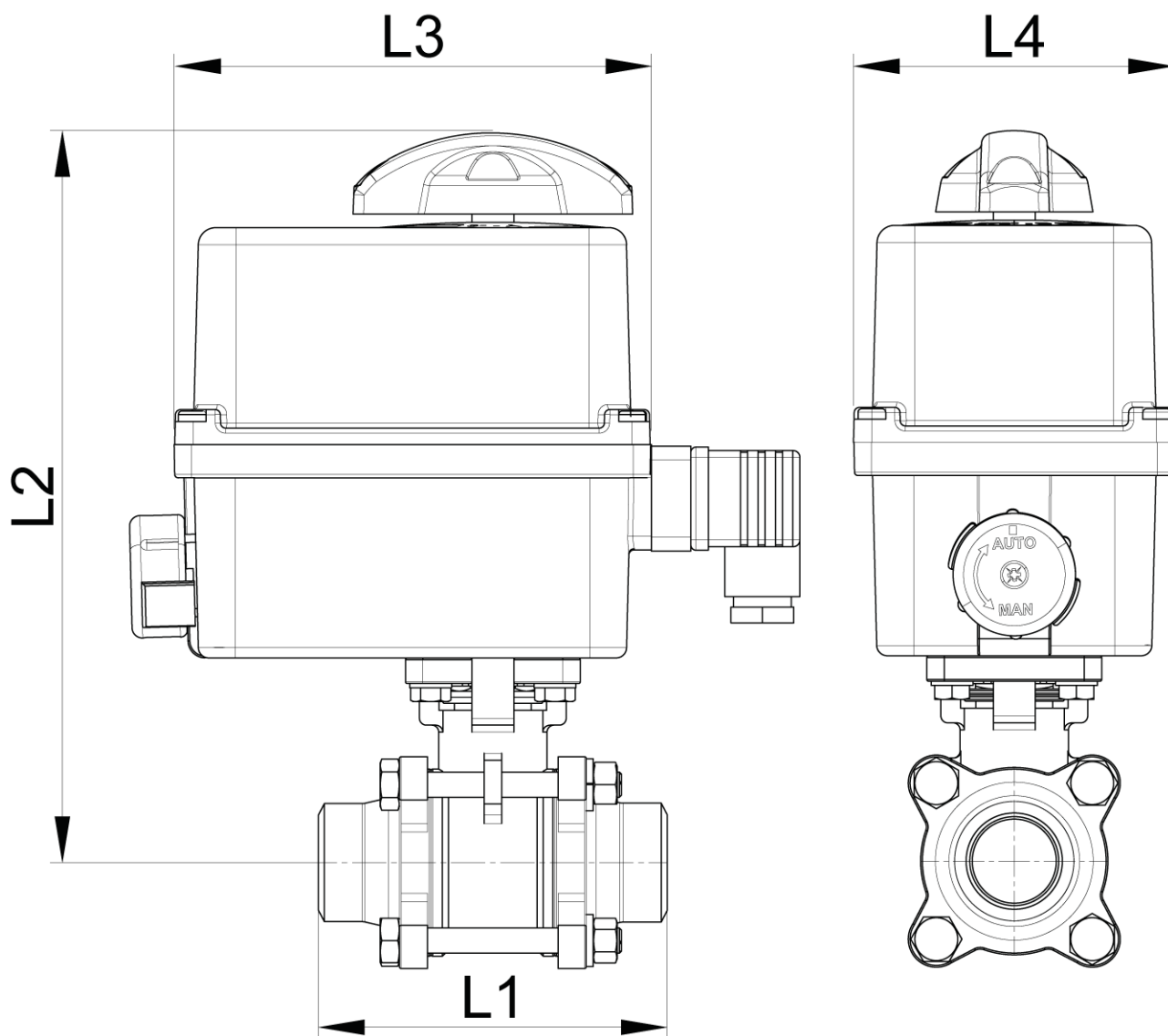
⇒ Electric actuator

Operating temperature: -10°C to +40°C

Plastic housing 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	Opening/ closing time (90°) (s)	Part No. 15-30V AC and 12-48V DC
8	1/4"	70	194	136	92	11	1.72	450090-8A	11	450090-8B
10	3/8"	70	194	136	92	11	1.72	450090-10A	11	450090-10B
15	1/2"	75	194	136	92	11	1.78	450090-15A	11	450090-15B
20	3/4"	90	201	136	92	12	2.02	450090-20A	12	450090-20B
25	1"	100	211	136	92	12	2.47	450090-25A	12	450090-25B
32	1"1/4	110	239	151	128	7	4.20	450090-32A	7	450090-32B
40	1"1/2	125	248	151	128	7	5.05	450090-40A	7	450090-40B
50	2"	150	254	151	128	12	6.70	450090-50A	12	450090-50B
65	2"1/2	190	276	151	128	12	10.80	450090-65A	12	450090-65B
80	3"	220	285	151	128	23	14.10	450090-80A	22	450090-80B

Electric actuator with plastic housing with IP68 protection rating.

Visual position indicator. Manual override control with safe clutch disengagement.

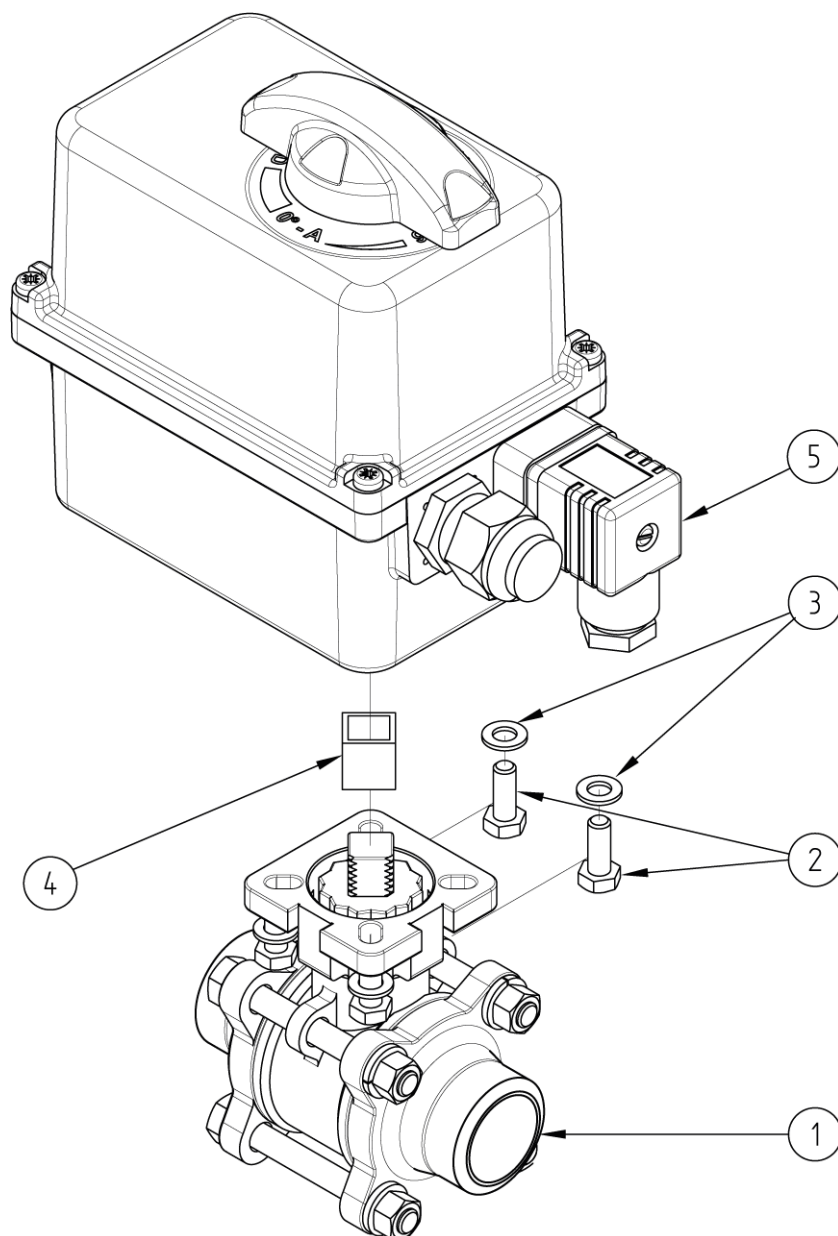
Configurable limit switches. Torque limiting device. Anti-condensation heater.

Actuator operating temperature: -10°C to +40°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.

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.



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 (50841)	PLASTIC	1

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

- **58192** : 3-part valve to be welded (butt welding)
- **50841** : Fail-safe ¼ turn (90°) electric actuator - IP68

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