

Ball valves

Model 50086

**3-part ball valve for socket welding (SW)
(58191) with electric actuator IP68 (50840)**



Specifications

⇒ Valve

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

Connection: to be welded (socket 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)

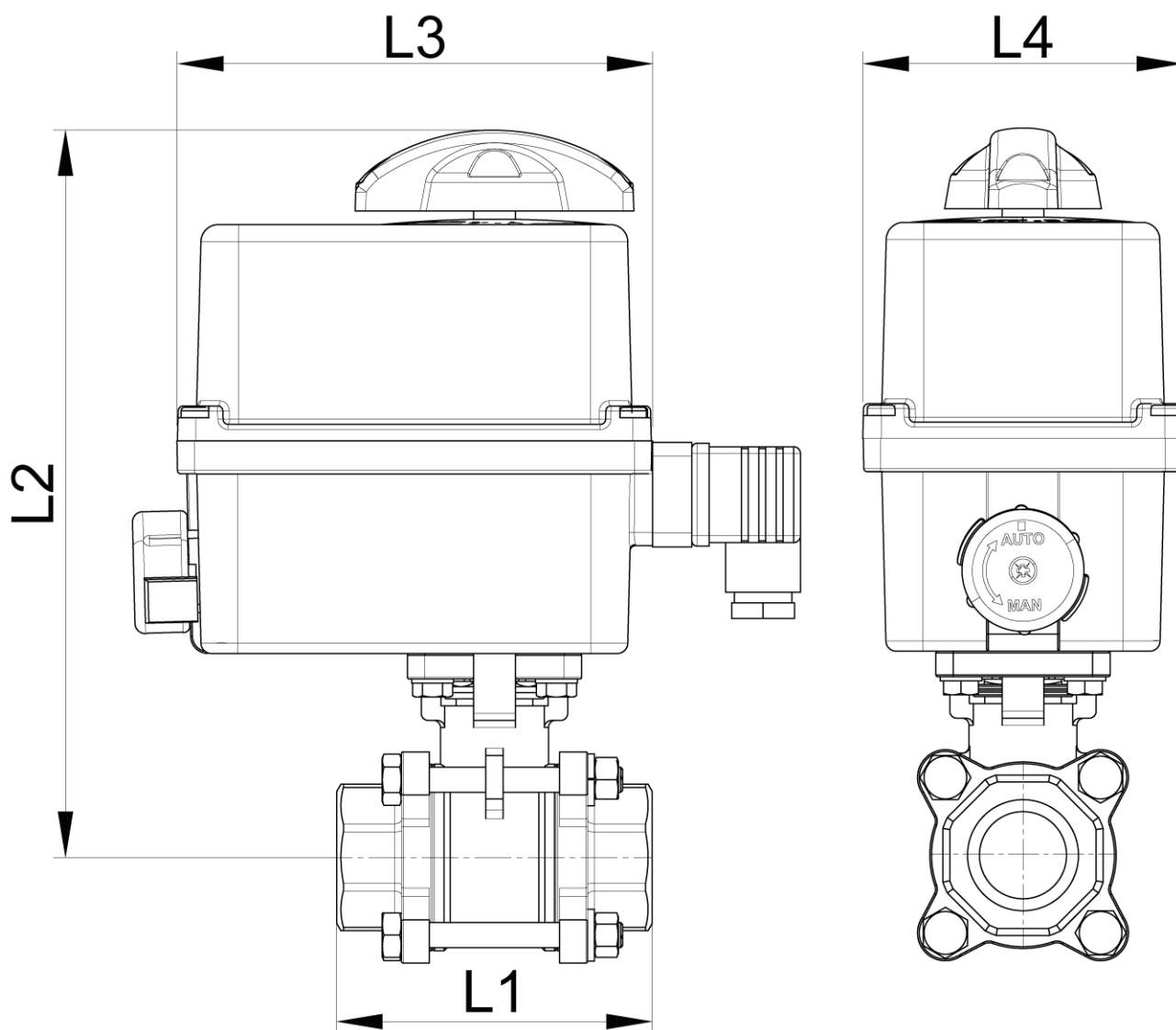
⇒ Electric actuator

Operating temperature: -10°C to +55°C

Plastic housing IP68

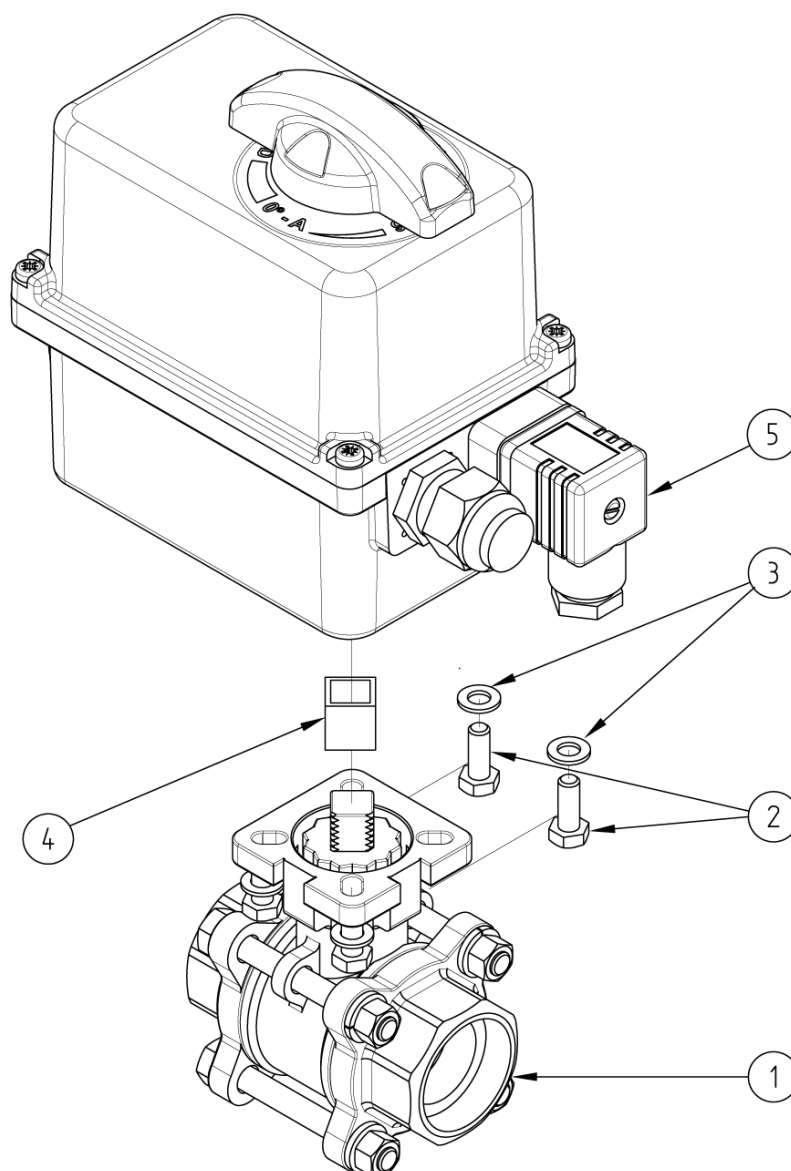
Visual position indicator

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"	75	194	136	92	11	1.52	450086-8A	11	450086-8B
10	3/8"	75	194	136	92	11	1.52	450086-10A	11	450086-10B
15	1/2"	75	194	136	92	11	1.58	450086-15A	11	450086-15B
20	3/4"	80	201	136	92	12	1.82	450086-20A	12	450086-20B
25	1"	90	211	136	92	12	2.27	450086-25A	12	450086-25B
32	1"1/4	110	215	136	92	26	2.90	450086-32A1	24	450086-32B1
32	1"1/4	110	239	151	128	7	4.00	450086-32A2	7	450086-32B2
40	1"1/2	120	224	136	92	26	3.75	450086-40A1	24	450086-40B1
40	1"1/2	120	248	151	128	7	4.85	450086-40A2	7	450086-40B2
50	2"	140	254	151	128	12	6.50	450086-50A	12	450086-50B
65	2"1/2	185	276	151	128	12	10.60	450086-65A	12	450086-65B
80	3"	205	285	151	128	23	13.90	450086-80A	22	450086-80B

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 +55°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°.



N°	Part Name	Material	Quantity
1	3-PART VALVE (58191)	CF8M	1
2	FIXING BOLT	STAINLESS STEEL	4
3	WASHER	STAINLESS STEEL	4
4	COUPLING	STAINLESS STEEL	0 or 1
5	ELECTRIC ACTUATOR (50840)	PLASTIC	1

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

- **58191** : 3-part valve to be welded (socket welding)
- **50840** : ¼ turn (90°) electric actuator - IP68

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