

Ball valves

Model 50277

Wafer ball valve with ISO mounting plate (58249) and electric actuator IP68 (50840)



Specifications

⇒ Valve

Dimensions: DN15 to DN80 (1/2" to 3")

Connection: flanges in accordance with EN 1092-1

Pressure: PN depending on flange dimensions

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)

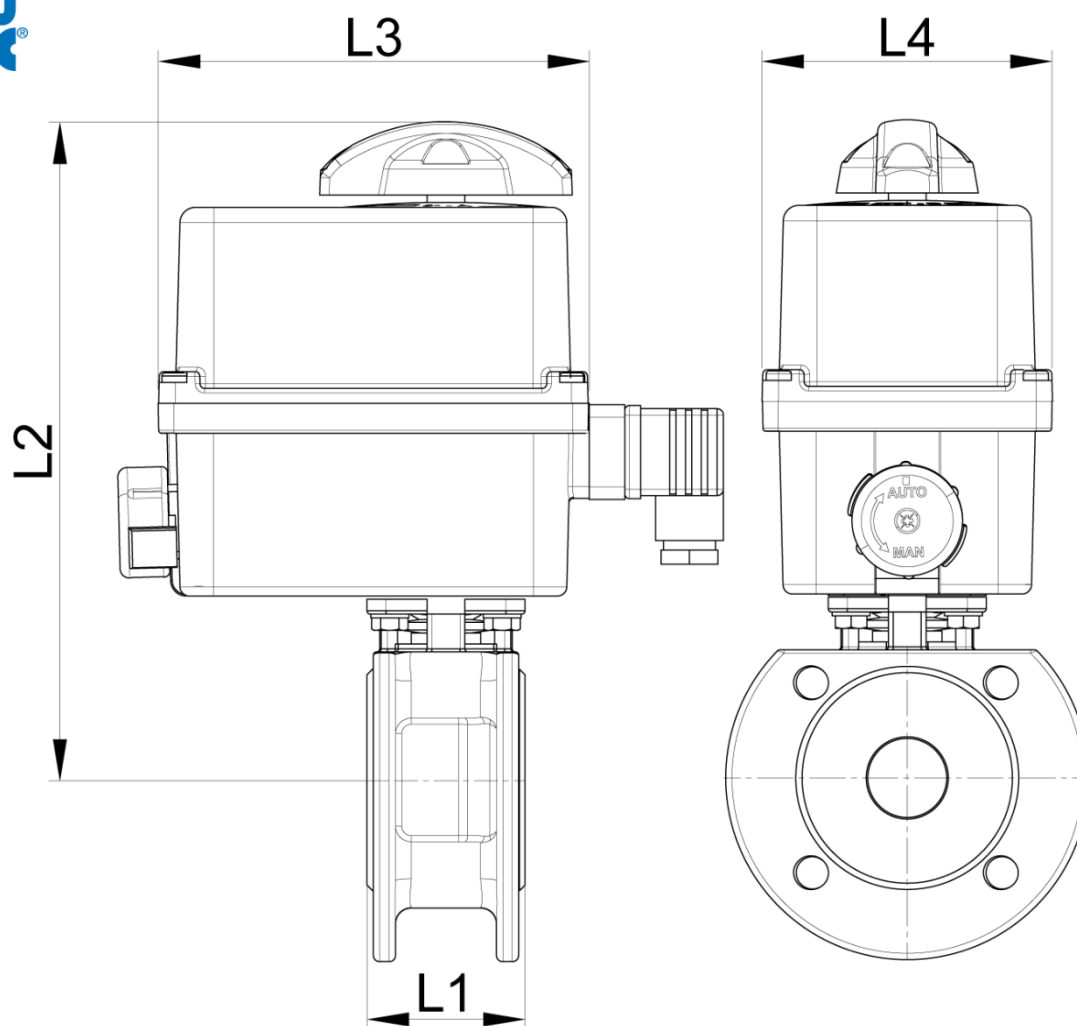
⇒ Electric actuator

Operating temperature: -10°C to +55°C

Plastic housing IP68

Visual position indicator

Self-regulating anti-condensation heater



DN (mm)	NB (inches)	PN (bar)	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
15	1/2"	40	42	194	136	92	11	2.40	450277-15A	11	450277-15B
20	3/4"	40	43	201	136	92	12	2.60	450277-20A	12	450277-20B
25	1"	40	50	211	136	92	12	3.60	450277-25A	12	450277-25B
32	1"1/4	40	60	215	136	92	26	4.50	450277-32A1	24	450277-32B1
32	1"1/4	40	60	239	151	128	7	5.60	450277-32A2	7	450277-32B2
40	1"1/2	40	65	224	136	92	26	5.80	450277-40A1	24	450277-40B1
40	1"1/2	40	65	248	151	128	7	6.90	450277-40A2	7	450277-40B2
50	2"	40	78	254	151	128	12	8.80	450277-50A	12	450277-50B
65	2"1/2	16	110	276	151	128	12	12.20	450277-65A	12	450277-65B
80	3"	16	120	285	151	128	23	16.90	450277-80A	22	450277-80B

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 (except for the fail-safe version: -10°C to +40°C).

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

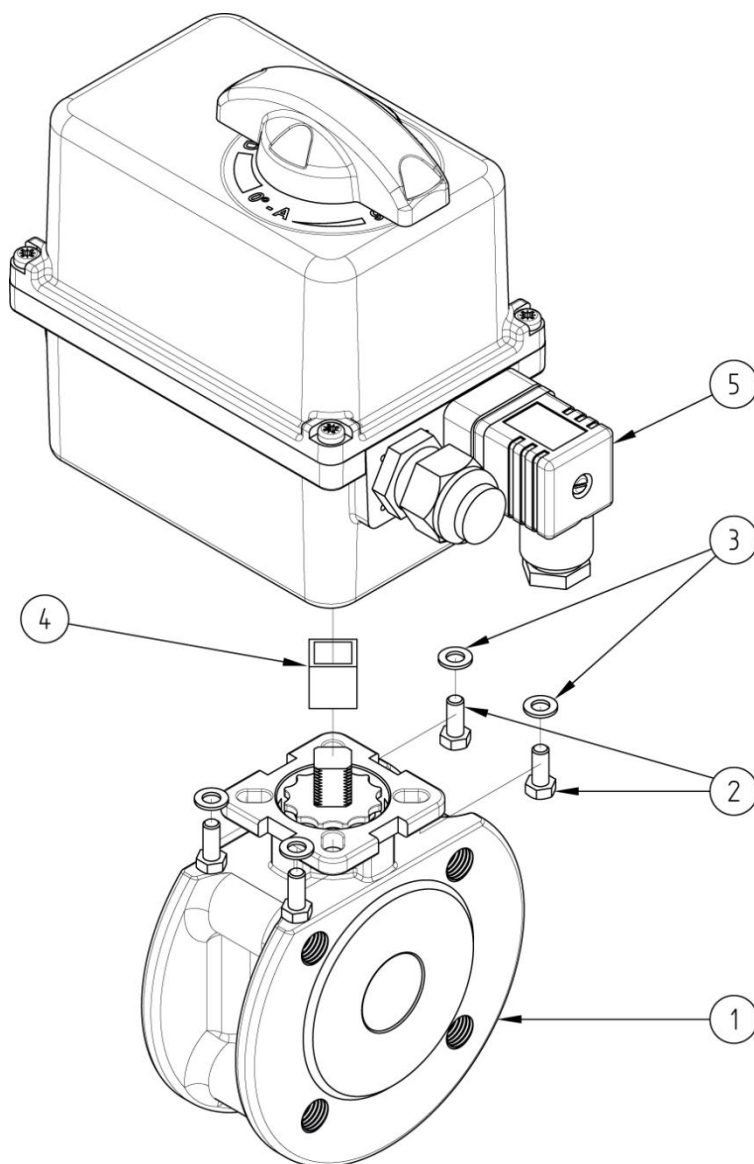
Actuator sized for a valve $\Delta P = \max$. 16 bar. For $\Delta P > 16$ bar, please contact us.

Standard operation: Opening/closing at 0/90°.

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N°	Part Name	Material	Quantity
1	WAFFER VALVE (58249)	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:

- **58249** : Wafer valve
- **50840** : ¼ turn (90°) electric actuator - IP68