

Ball valves

Model 50282 Wafer ball valve with ISO mounting plate (58249) and fail-safe electric actuator IP68 (50845)



Specifications

⇒ Valve

Dimensions: DN25 to DN150 (1" to 6")

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 +40°C

Aluminium housing and plastic cap IP68

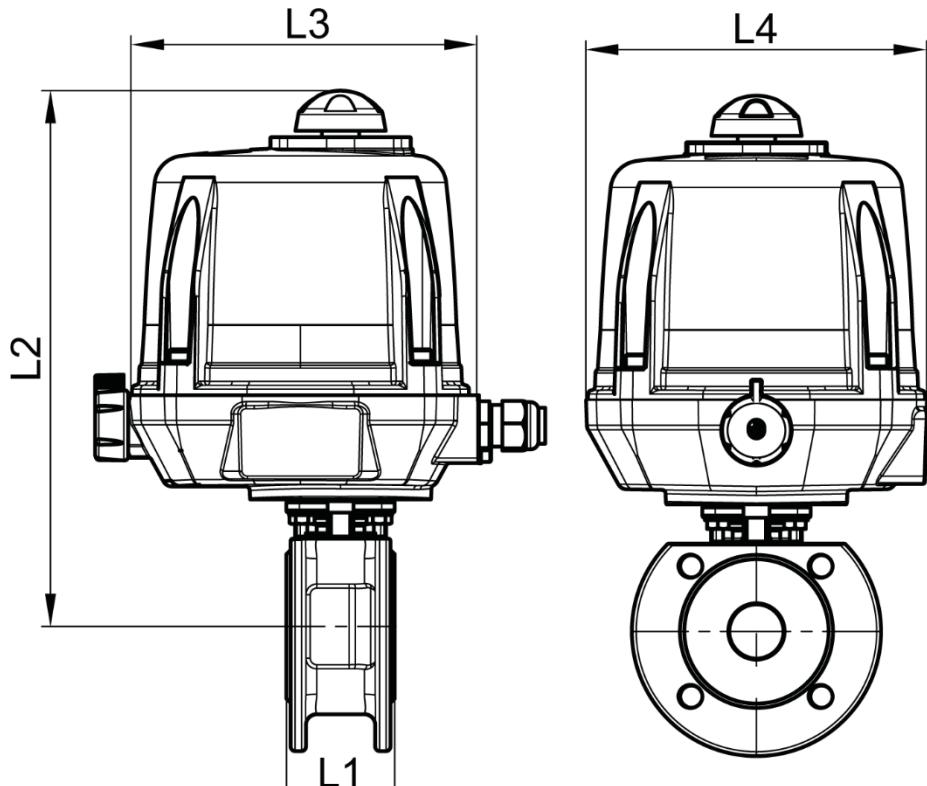
Visual position indicator

Self-regulating anti-condensation heater

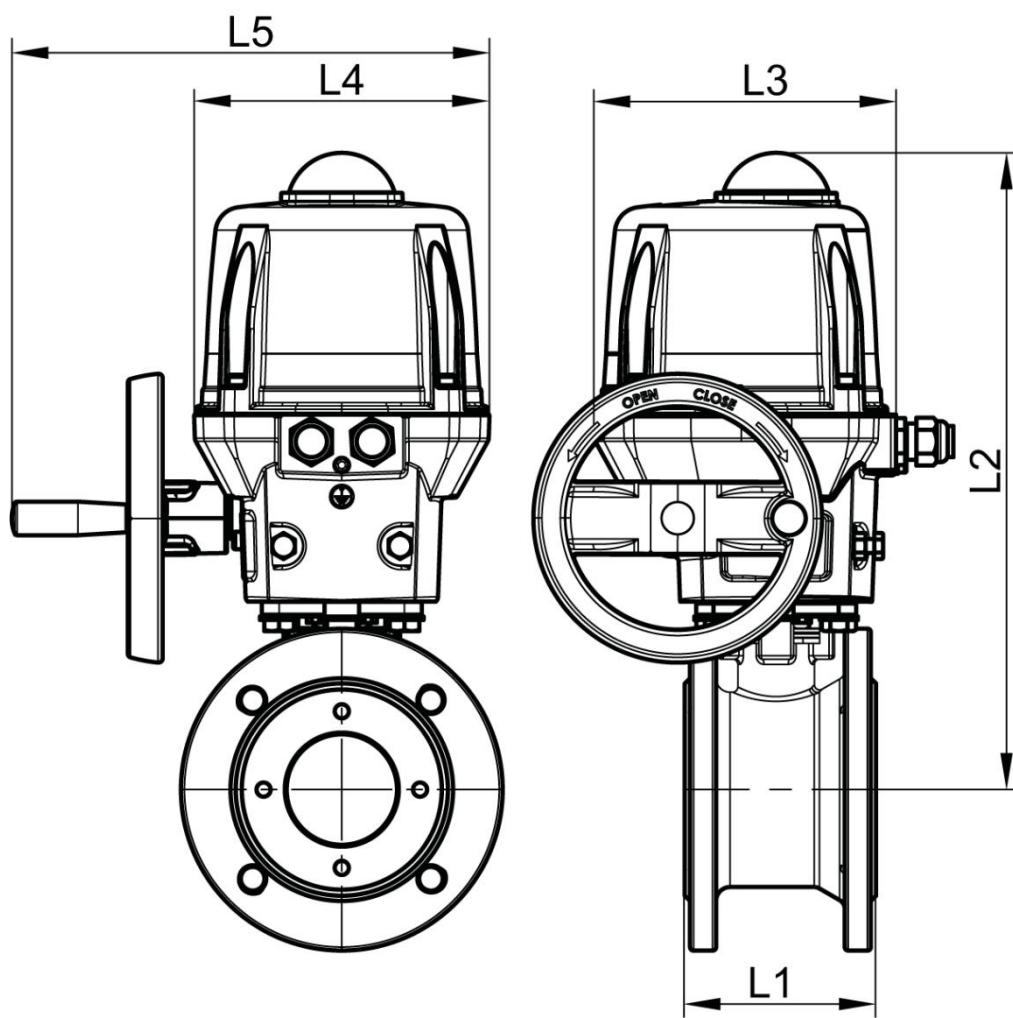


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DN20 to DN50



DN65 to DN100

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DN (mm)	NB (inches)	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)	L5 (mm)	Opening/ closing time (90°) (s)	Weight (kg)	Part No. 100-230V AC and 100-350V DC	Part No. 15-30V AC and 12-48V DC
25	1"	50	260	192	170	x	7	6.10	450282-25A	450282-25B
32	1"1/4	60	264	192	170	x	7	7.00	450282-32A	450282-32B
40	1"1/2	65	273	192	170	x	15	8.30	450282-40A	450282-40B
50	2"	78	279	192	170	x	20	10.20	450282-50A	450282-50B
65	2"1/2	110	358	209	170	275	15	15.60	450282-65A	450282-65B
80	3"	120	367	209	170	275	30	20.30	450282-80A	450282-80B
100	4"	150	398	209	170	275	60	28.00	450282-100A	450282-100B

Electric actuator with aluminium housing and plastic cap with IP68 protection rating.

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

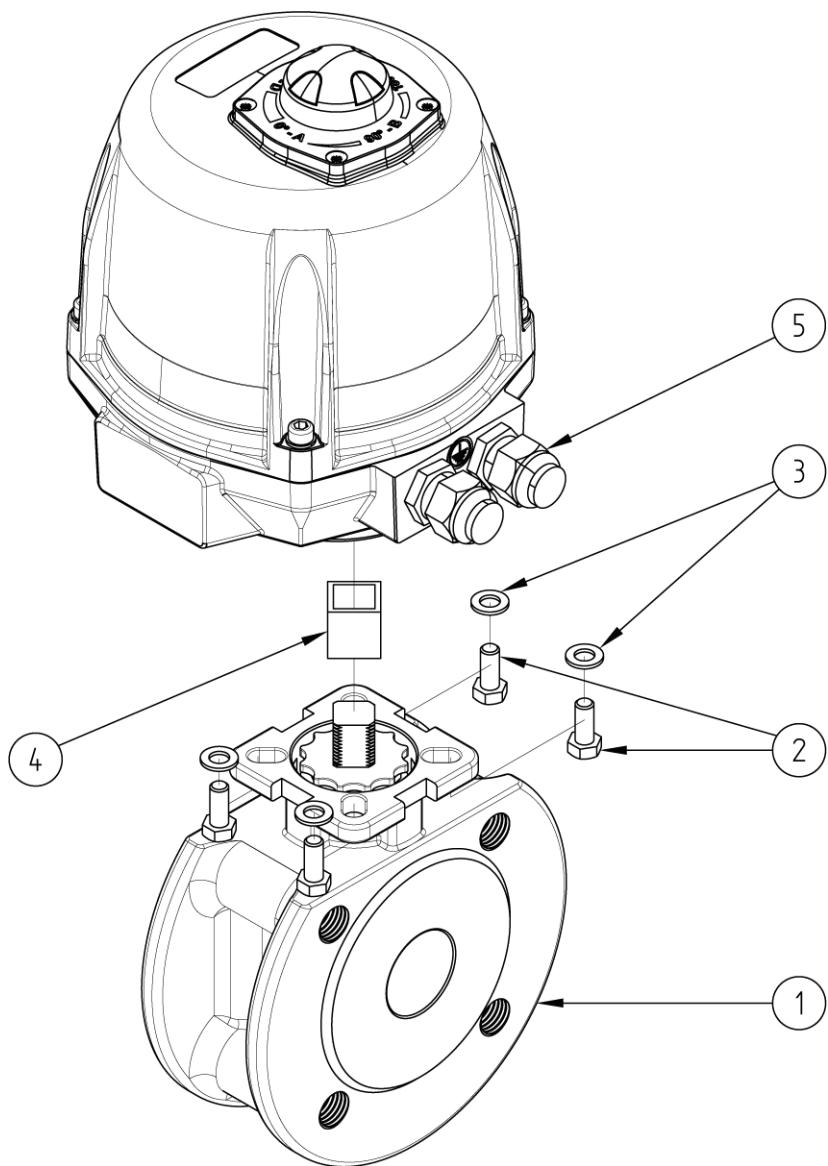
Configurable limit switches. Torque limiting device. Anti-condensation heater.

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

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

Actuator sized for a valve $\Delta P = \text{max. } 16 \text{ bar}$. 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	WAFER 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 (50845)	ALUMINIUM/PLASTIC	1

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

- **58249-LMOD1** : Wafer valve
- **50845-LMOD1** : Fail-safe 1/4 turn (90°) electric actuator - IP68