

Ball valves

Model 50281 Wafer ball valve with ISO mounting plate (58249) and electric actuator IP68 (50844)



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: -20°C to +70°C

Aluminium housing and plastic cap IP68

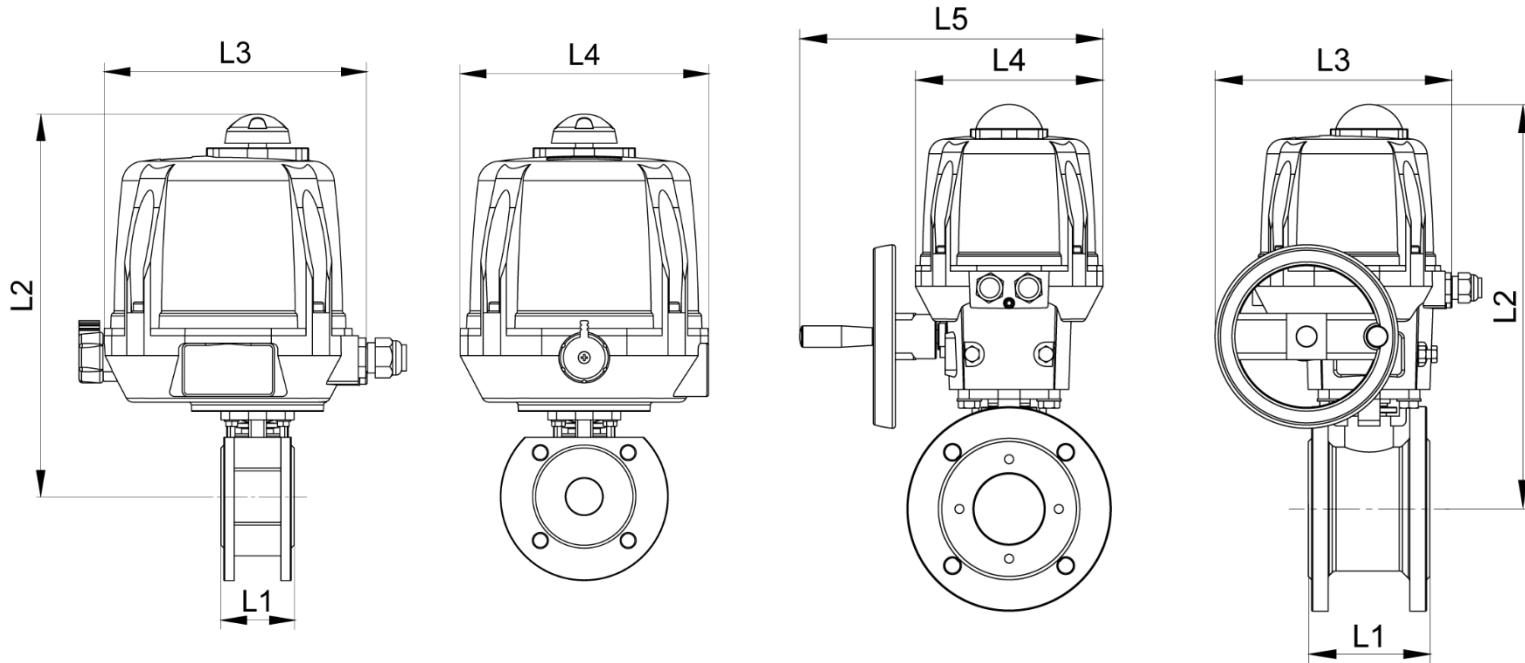
Visual position indicator

Self-regulating anti-condensation heater



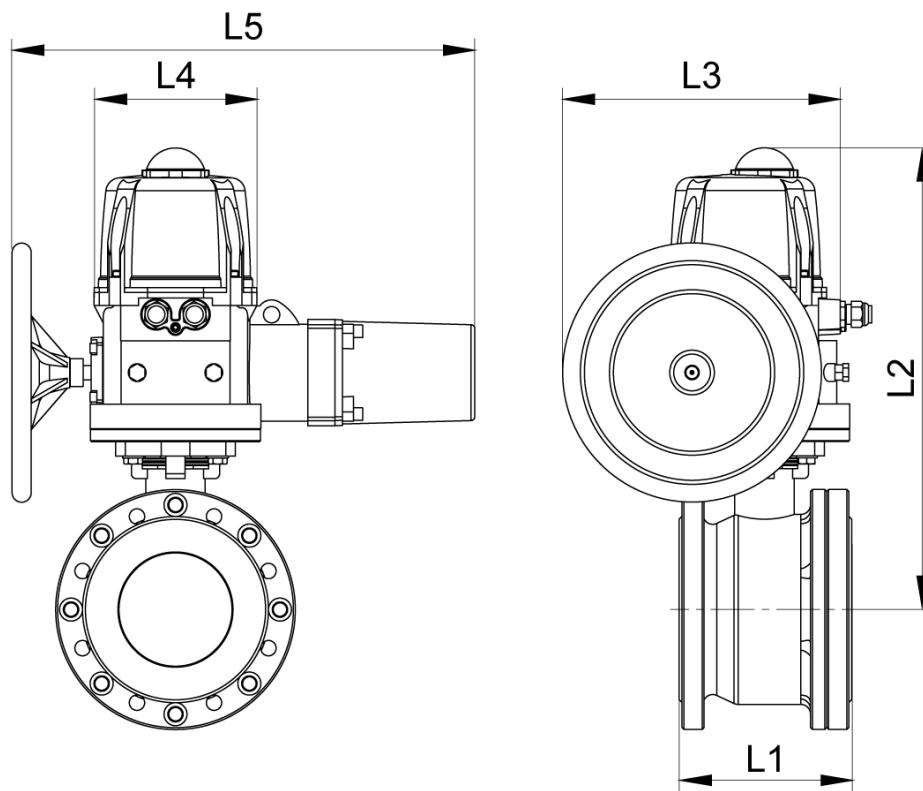
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DN25 to DN50

DN65 to DN100



DN125 to DN150

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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
25	1"	50	260	192	170	x	7	5.90	450281-25A
32	1"1/4	60	264	192	170	x	7	6.80	450281-32A
40	1"1/2	65	273	192	170	x	15	8.10	450281-40A
50	2"	78	279	192	170	x	20	10.00	450281-50A
65	2"1/2	110	358	209	170	275	15	15.40	450281-65A
80	3"	120	367	209	170	275	30	20.10	450281-80A
100	4"	150	398	209	170	275	60	27.80	450281-100A
125	5"	180	482	299	170	483	38	56.50	450281-125A
150	6"	225	498	299	170	483	38	74.00	450281-150A

DN (mm)	NB (inches)	Opening/ closing time (90°) (s)	Part No. 15-30V AC and 12-48V DC	Opening/ closing time (90°) (s)	Part No. 400V TRI 50/60 Hz
25	1"	7	450281-25B	10	450281-25C
32	1"1/4	7	450281-32B	10	450281-32C
40	1"1/2	15	450281-40B	10	450281-40C
50	2"	20	450281-50B	15	450281-50C
65	2"1/2	15	450281-65B	10	450281-65C
80	3"	30	450281-80B	20	450281-80C
100	4"	60	450281-100B	35	450281-100C
125	5"	-	-	38	450281-125C
150	6"	-	-	38	450281-150C

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

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

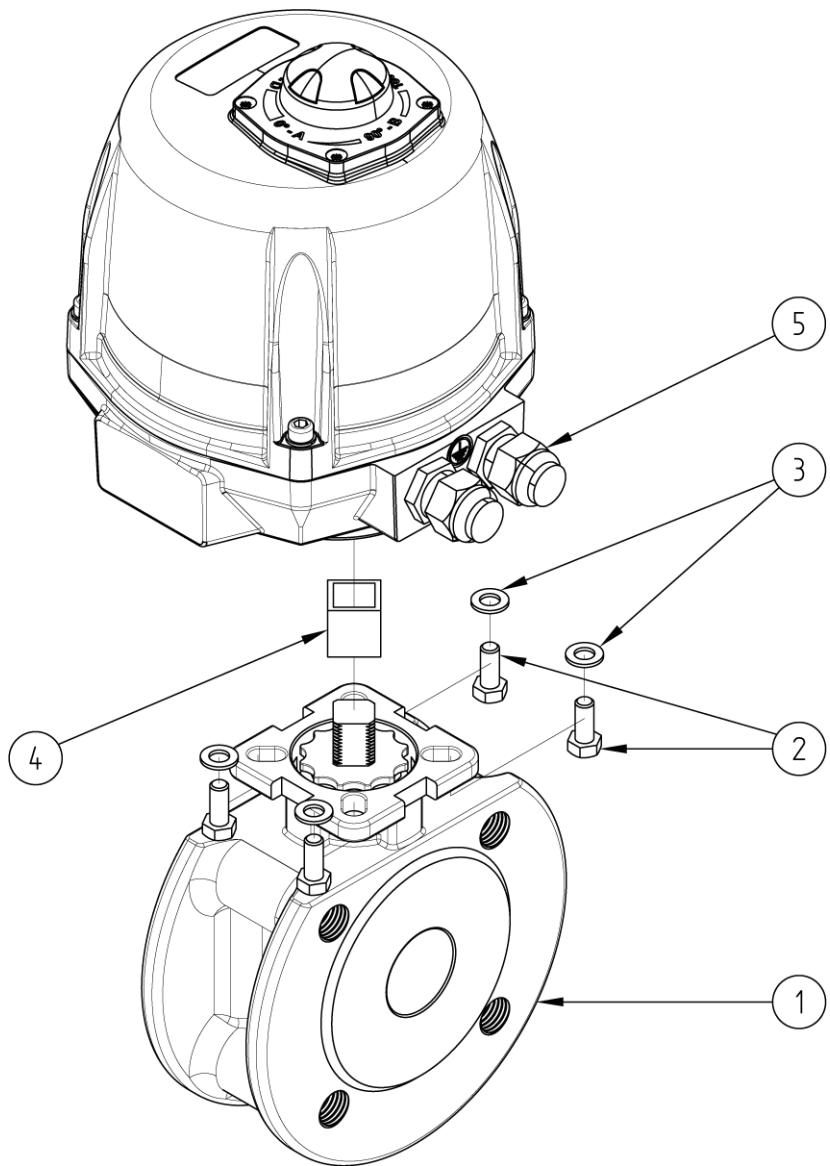
Configurable limit switches. Torque limiting device. Anti-condensation heater.

Actuator operating temperature: -20°C to +70°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.

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



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 (50844)	ALUMINIUM/PLASTIC	1

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

- **58249** : Wafer valve
- **50844** : 1/4 turn (90°) electric actuator - IP68

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