

Ball valves

Model 50285 **Wafer ball valve with ISO mounting plate (58249)**
and ATEX electric actuator IP68 (50848)



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 cap IP68

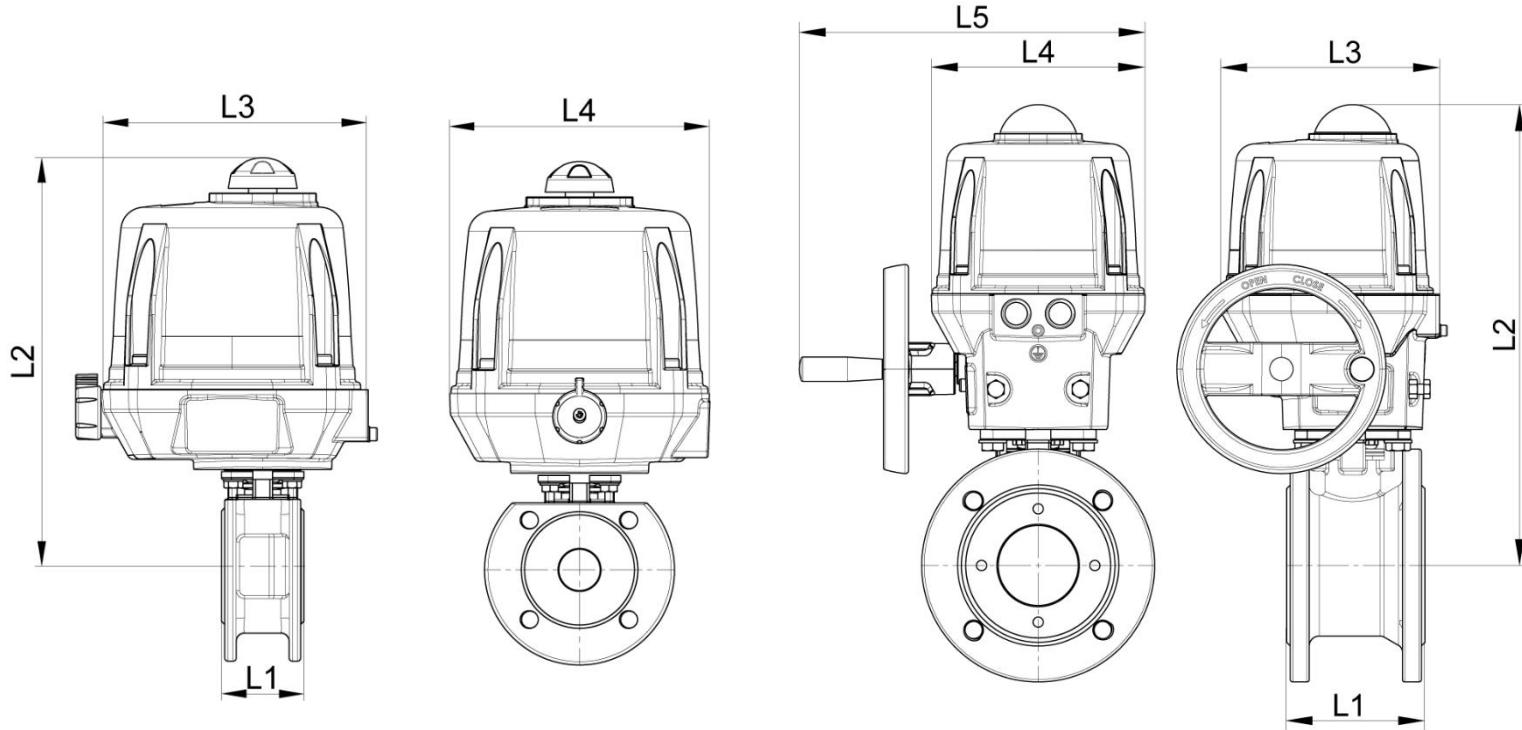
Visual position indicator

Anti-condensation heater



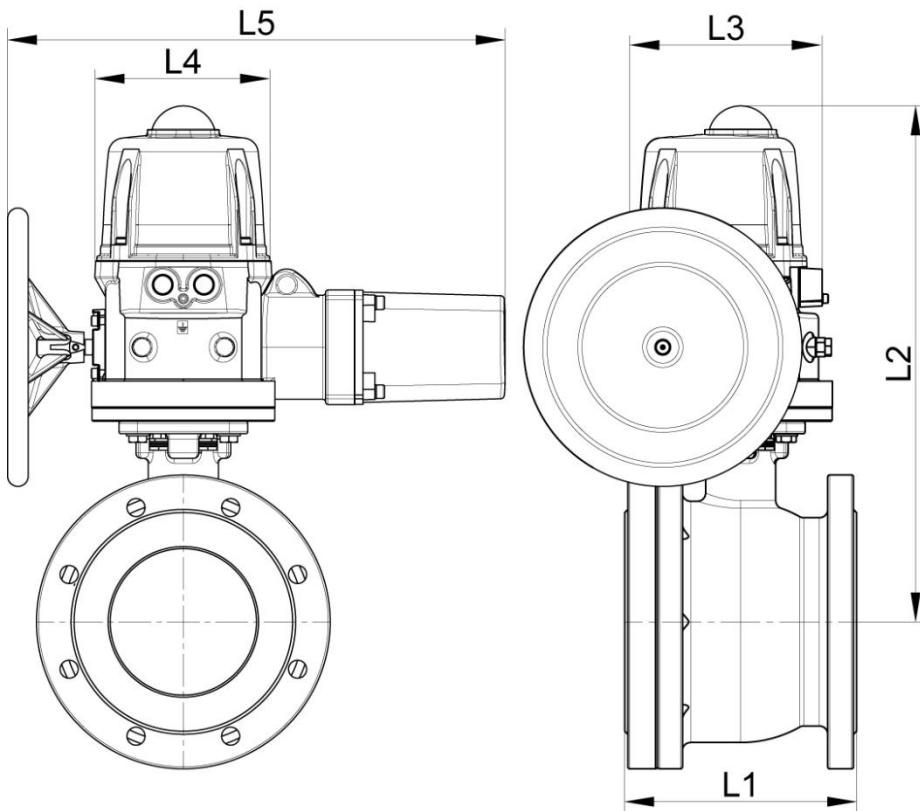
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DN25 to DN50

DN65 to DN100



DN125 to DN150

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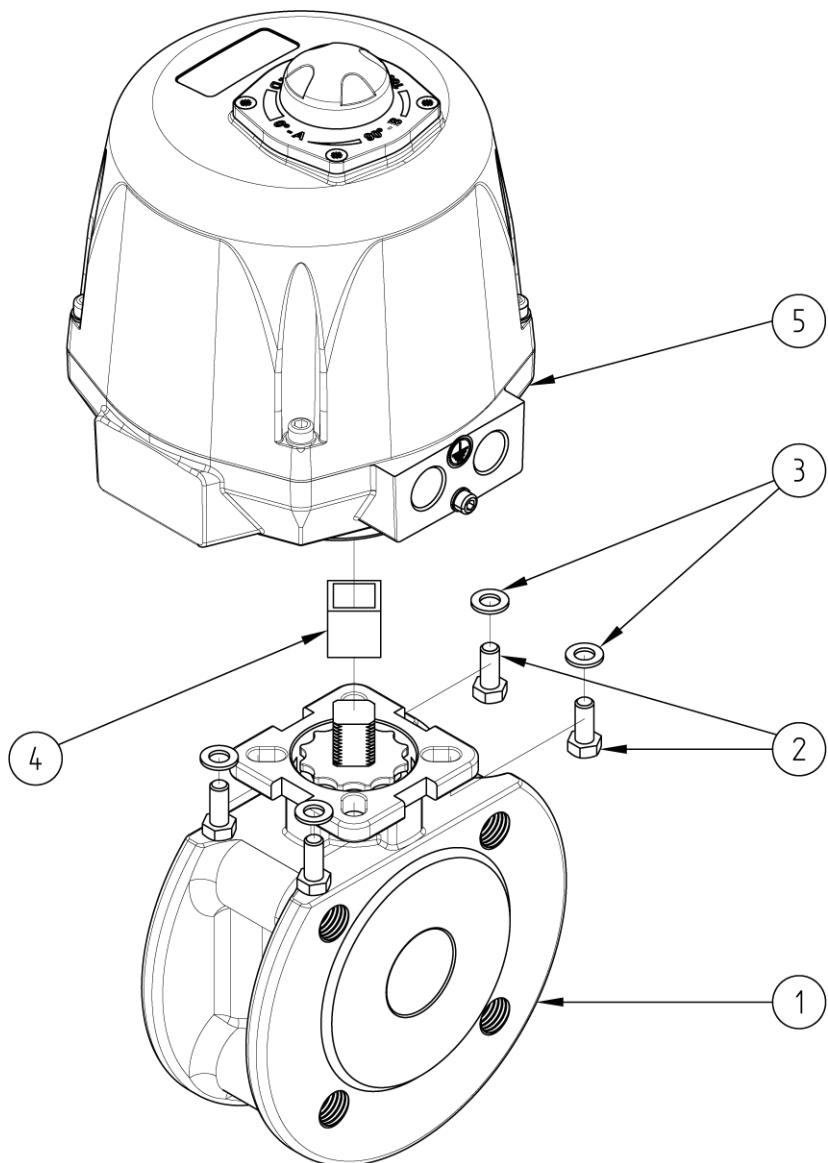
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DN (mm)	NB (inches)	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)	L5 (mm)	Opening/ closing time (90°) (s)	Weight (kg)	Part No. 100-230V AC and 100-350V DC
25	1"	50	260	192	170	x	7	6.80	450285-25A
32	1"1/4	60	264	192	170	x	7	7.70	450285-32A
40	1"1/2	65	273	192	170	x	15	9.00	450285-40A
50	2"	78	279	192	170	x	20	10.90	450285-50A
65	2"1/2	110	358	209	170	275	15	16.30	450285-65A
80	3"	120	367	209	170	275	30	21.00	450285-80A
100	4"	150	398	209	170	275	60	28.70	450285-100A
125	5"	180	482	299	170	483	38	57.50	450285-125A
150	6"	225	498	299	170	483	38	75.00	450285-150A

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	450285-25B	10	450285-25C
32	1"1/4	7	450285-32B	10	450285-32C
40	1"1/2	15	450285-40B	10	450285-40C
50	2"	20	450285-50B	15	450285-50C
65	2"1/2	15	450285-65B	10	450285-65C
80	3"	30	450285-80B	20	450285-80C
100	4"	60	450285-100B	35	450285-100C
125	5"	-	-	38	450285-125C
150	6"	-	-	38	450285-150C

ATEX 1/4 turn (90°) electric actuator with aluminium housing and cap IP68.
 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 ΔP = max. 16 bar. For $\Delta P > 16$ bar, please contact us.
 Standard operation: Opening/closing at 0/90°.

You must order earthing braids separately.
 Cable glands are not supplied.



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 (50848)	ALUMINIUM	1

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

- **58249** : Wafer valve
- **50848** : ATEX ¼ turn (90°) electric actuator - IP68

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