

# Ball valves

**Model 50235 3-way F/F/F ball valve with T-shaped bore (58217) and ATEX electric actuator IP68 (50848)**



## Specifications

### ⇒ Valve

**Dimensions:** DN20 to DN50 (3/4" to 2")

**Connection:** BSP female thread

**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:** -20°C to +70°C

Aluminium housing and cap IP68

Visual position indicator

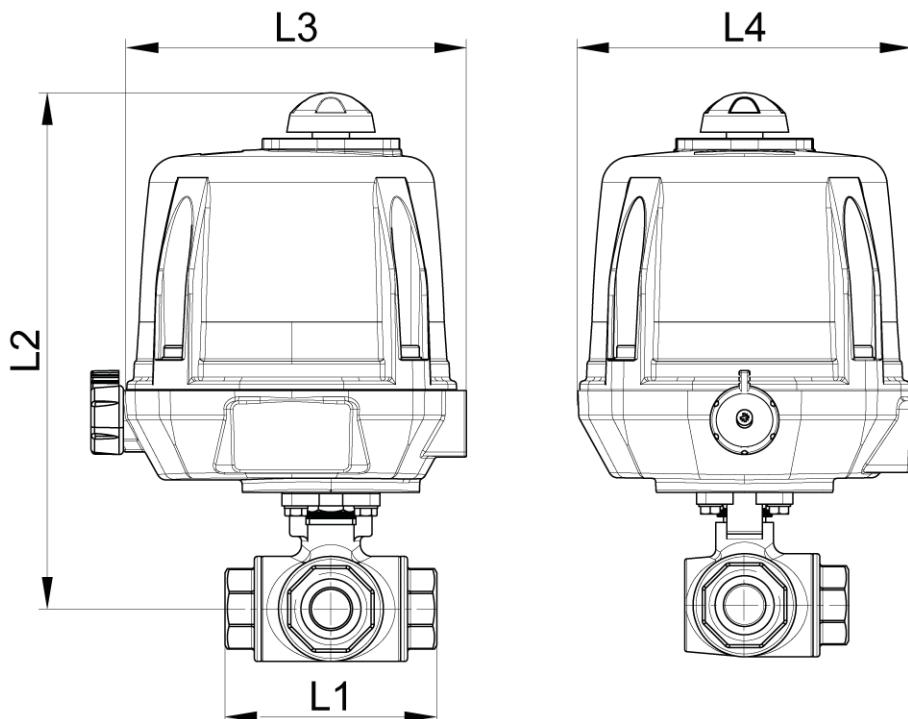
Anti-condensation heater



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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
20	3/4"	90	250	192	170	7	5.30	450235-20A
25	1"	108	261	192	170	7	5.80	450235-25A
32	1"1/4	124	264	192	170	7	6.70	450235-32A
40	1"1/2	135	275	192	170	15	7.80	450235-40A
50	2"	164	284	192	170	15	10.70	450235-50A

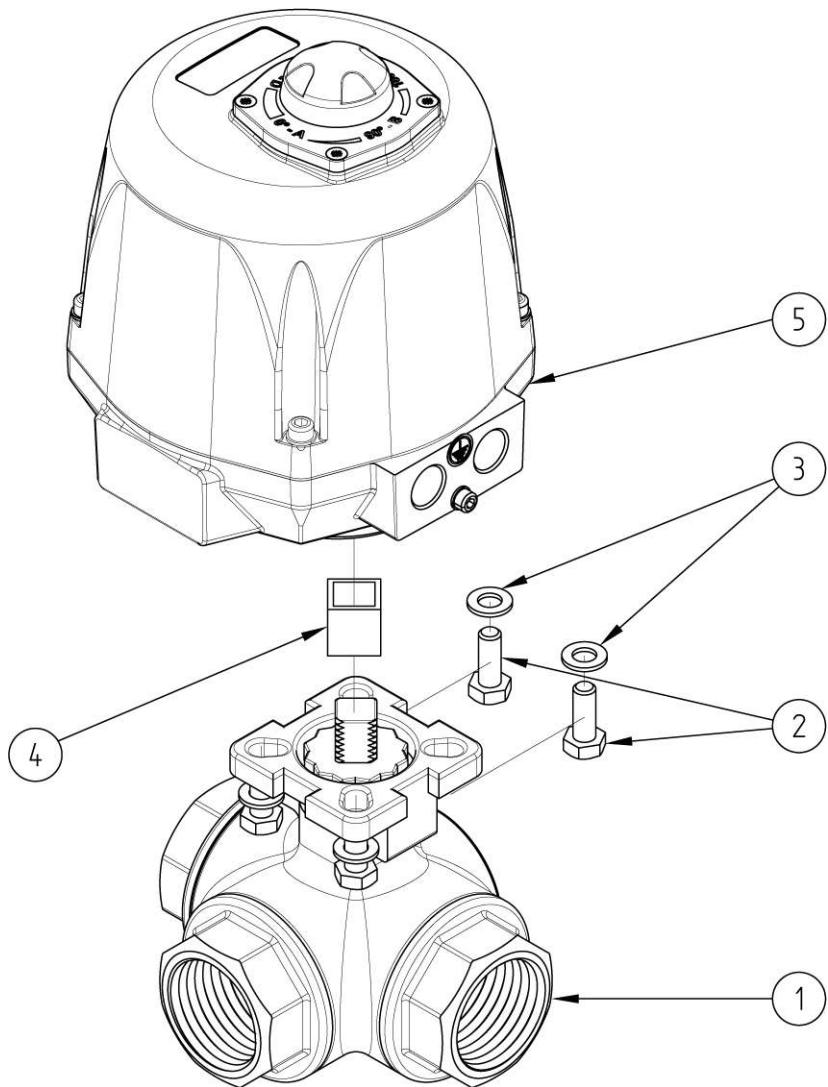
DN (mm)	NB (inches)	Opening/ closing time (90°) (s)	Part No. 15-30V AC and 12-48V DC	Opening/ closing time (90°) (s)	Part No. 400V TRI 50/60 Hz
20	3/4"	7	450235-20B	10	450235-20C
25	1"	7	450235-25B	10	450235-25C
32	1"1/4	7	450235-32B	10	450235-32C
40	1"1/2	15	450235-40B	10	450235-40C
50	2"	15	450235-50B	10	450235-50C

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  $\Delta P = \text{max. } 16 \text{ bar}$ . For  $\Delta P > 16 \text{ bar}$ , please contact us.  
 Standard operation: Opening/closing at 0/90°.

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

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N°	Part Name	Material	Quantity
1	3-WAY VALVE (58217)	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:

- **58217** : 3-way F/F/F valve - T-shaped bore
- **50848** : ATEX ¼ turn (90°) electric actuator - IP68