

# Ball valves

## High pressure 2-way F/F ball valve with fail-safe electric actuator IP66 (5084I)

**Model 50418** BSP

**Model 50438** NPT



### Specifications

#### ⇒ Valve

**Dimensions:** DN8 to DN25 (1/4" to 1")

**Connection:** BSP or NPT female thread

**Pressure:** 1/4" to 1/2" - PN500

3/4" to 1" - PN315

**Operating temperature:** -20°C to +100°C

**Material:** 316 stainless steel

(for the stainless steel parts that can come into contact with the transported fluid)

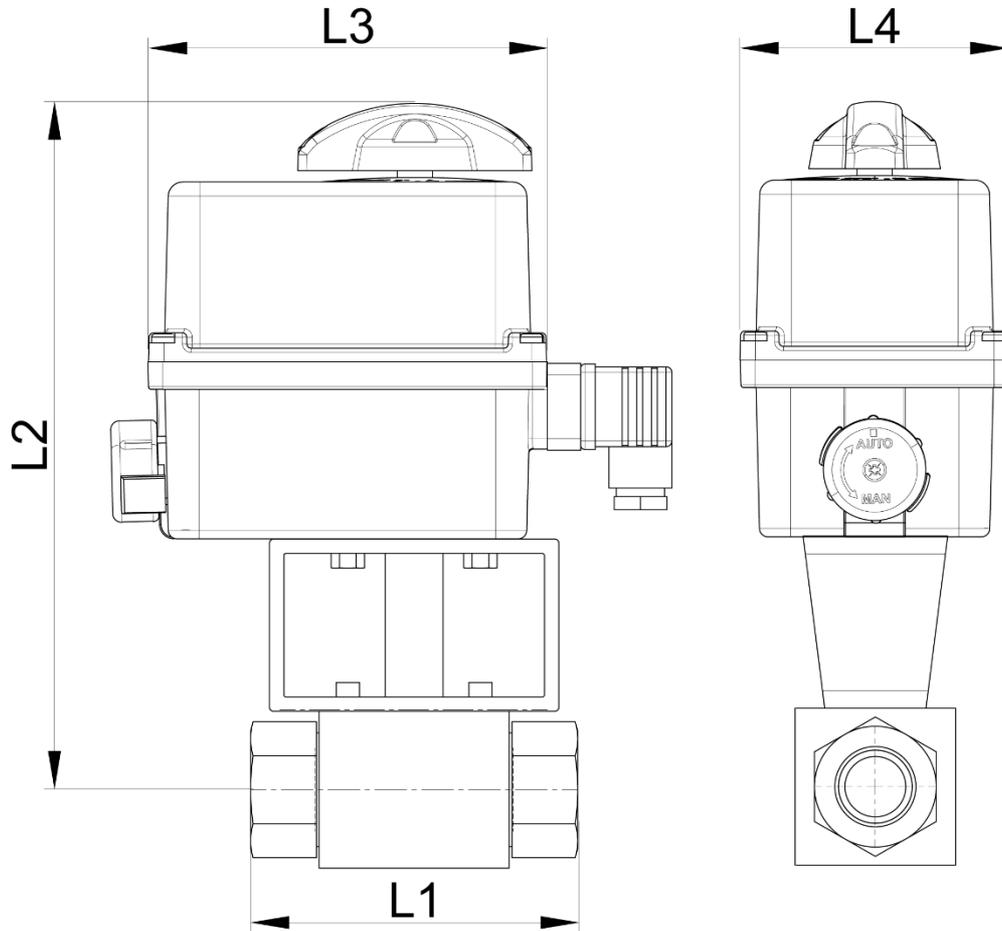
#### ⇒ Electric actuator

**Operating temperature:** -10°C to +40°C

Plastic housing IP66

Visual position indicator

Regulated anti-condensation heater



**100-230V 50/60Hz and 100-350V DC**

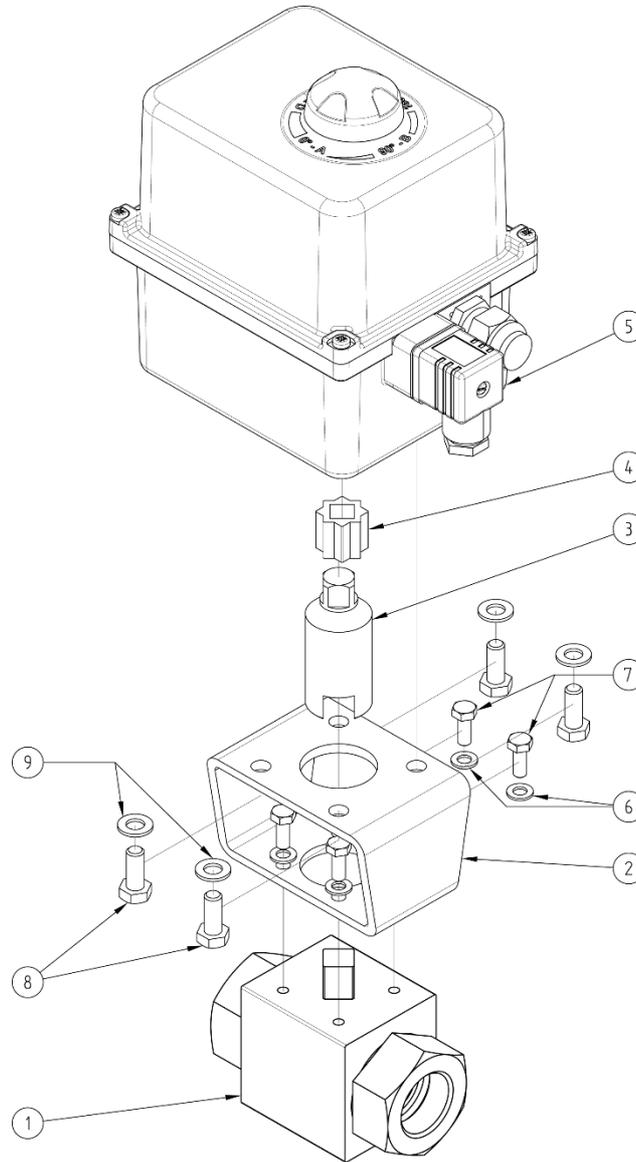
DN (mm)	NB (inches)	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)	Opening/ closing time (90°) (s)	Weight (kg)	BSP part number	NPT part number
8	1/4"	69	269	151	128	7	3.15	450418-8A	450438-8A
10	3/8"	72	274	151	128	7	3.35	450418-10A	450438-10A
15	1/2"	83	276	151	128	7	3.65	450418-15A	450438-15A
20	3/4"	95	293	151	128	12	4.25	450418-20A	450438-20A
25	1"	113	301	151	128	23	4.95	450418-25A	450438-25A

**15-30V 50/60Hz and 12-48V DC**

DN (mm)	NB (inches)	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)	Opening/ closing time (90°) (s)	Weight (kg)	BSP part number	NPT part number
8	1/4"	69	269	151	128	7	3.15	450418-8B	450438-8B
10	3/8"	72	274	151	128	7	3.35	450418-10B	450438-10B
15	1/2"	83	276	151	128	7	3.65	450418-15B	450438-15B
20	3/4"	95	293	151	128	12	4.25	450418-20B	450438-20B
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N°	Part Name	Material	Quantity
1	HP BALL VALVE (58543 or 58545)	316 STAINLESS STEEL	1
2	FIXING BRACKET	STAINLESS STEEL	1
3	SHAFT	STAINLESS STEEL	1
4	COUPLING	STAINLESS STEEL	0 or 1
5	ELECTRIC ACTUATOR (50841)	PLASTIC	1
6	WASHER	STAINLESS STEEL	4
7	FIXING BOLT	STAINLESS STEEL	4
8	FIXING BOLT	STAINLESS STEEL	4
9	WASHER	STAINLESS STEEL	4

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

- **58543**: High pressure 2-way ball valve with BSP female threading
- **58545**: High pressure 2-way ball valve with NPT female threading
- **50841**: Fail-safe 1/4 turn (90°) electric actuator - IP66

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