

Ball valves

Model 50175 3-part ball valve for butt welding (BW) (58472) and electric actuator IP68 with positioning unit (50846)



Specifications

⇒ Valve

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

Connection: to be welded (butt welding)

Pressure: PN100 (1500 lbs)

Operating temperature: -29°C to +200°C

Material: 316 or CF8M stainless steel
(for the stainless steel parts that can come into contact with the transported fluid)

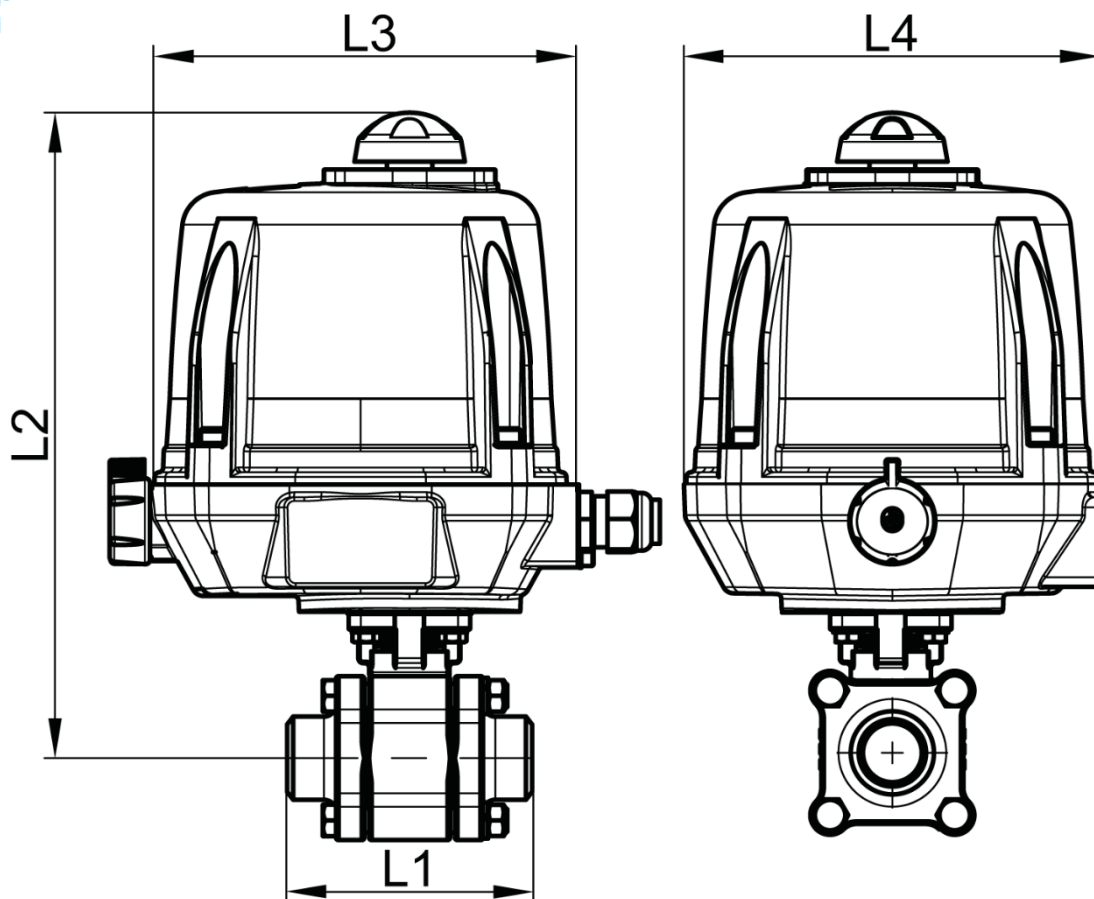
⇒ Electric actuator

Operating temperature: -20°C to +70°C

Aluminium housing and plastic cap IP68

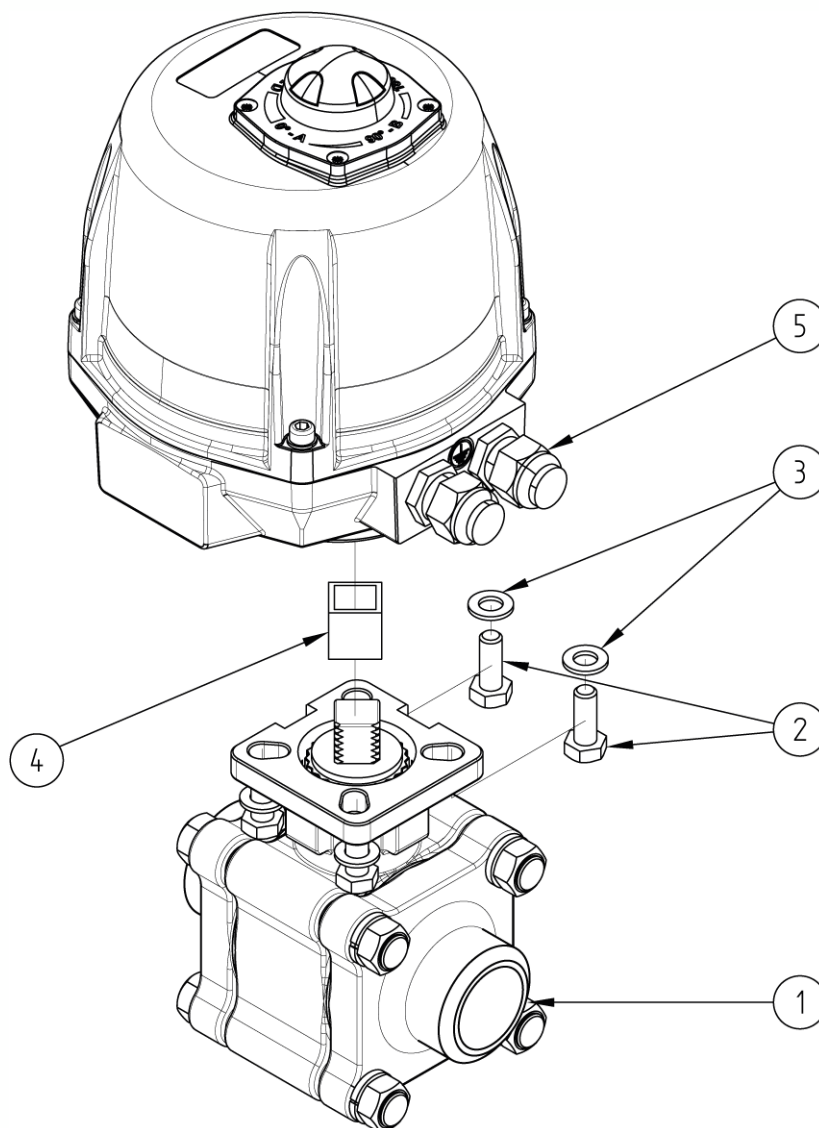
Visual position indicator

Anti-condensation heater



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	Part No. 15-30V AC and 12-48V DC
20	3/4"	92	244	192	170	15	4.52	450175-20A	450175-20B
25	1"	100	251	192	170	15	4.97	450175-25A	450175-25B
32	1 1/4"	110	259	192	170	15	5.60	450175-32A	450175-32B
40	1 1/2"	125	264	192	170	15	6.50	450175-40A	450175-40B
50	2"	150	276	192	170	20	8.00	450175-50A	450175-50B

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 $\Delta P = \max.$ 16 bar. For $\Delta P > 16$ bar, please contact us.
 Positioner version: The integrated positioning unit makes it possible to control the valve (opening/closing regulation) with a 4-20mA (or 0/10V) signal.



N°	Part Name	Material	Quantity
1	3-PART VALVE (58472)	CF8M	1
2	FIXING BOLT	STAINLESS STEEL	4
3	WASHER	STAINLESS STEEL	4
4	COUPLING	STAINLESS STEEL	0 or 1
5	ELECTRIC ACTUATOR (50846)	ALUMINIUM/PLASTIC	1

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

- **58472** : 3-part valve to be butt welded (BW)
- **50846** : 1/4 turn (90°) electric actuator with 4/20mA positioning unit - IP68

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