

Ball valves

Model 50163

3-part ball valve for butt welding (BW) (58472) and electric actuator IP68 with positioning unit (50842)



Specifications

⇒ Valve

Dimensions: DN8 to DN50 (1/4" 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)

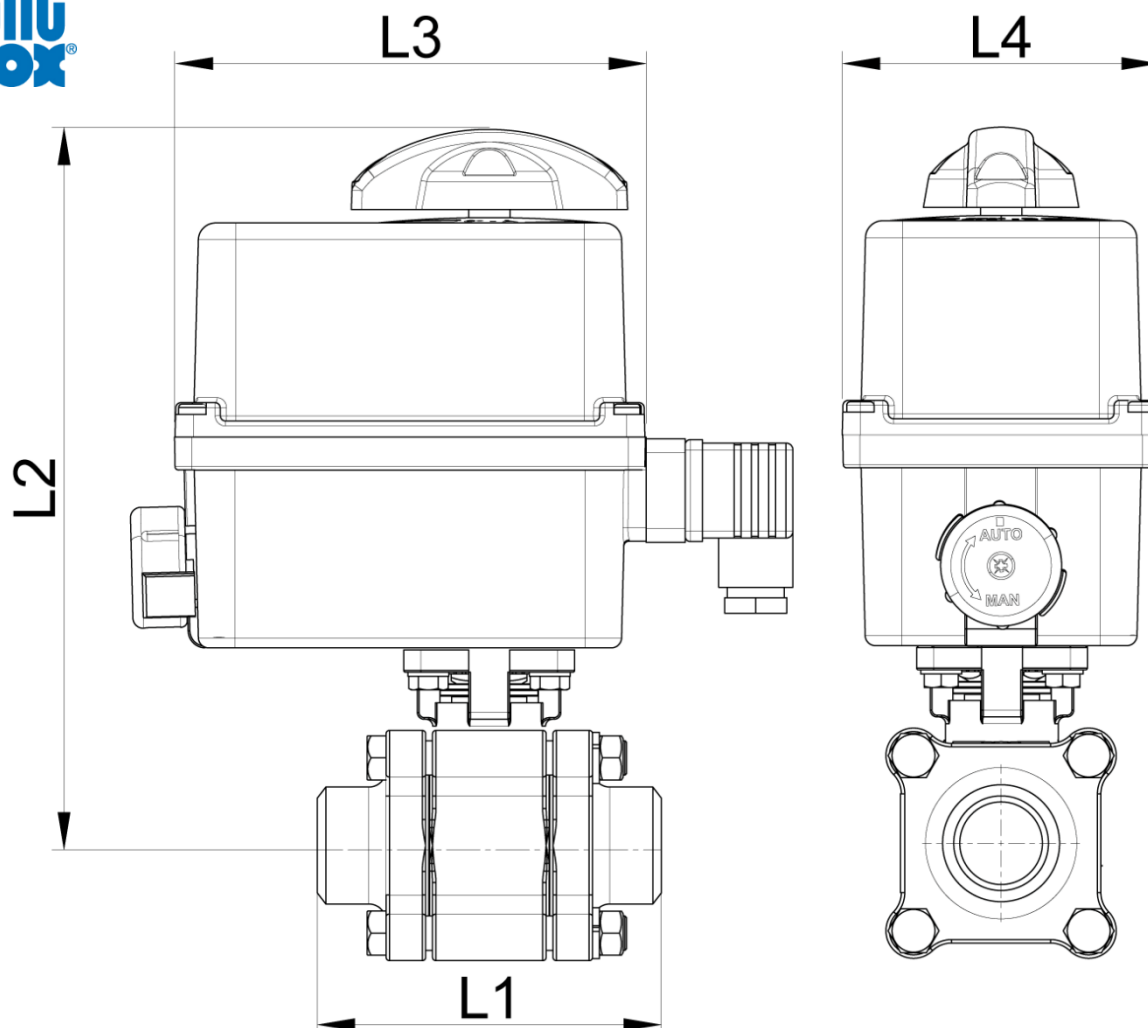
⇒ Electric actuator

Operating temperature: -10°C to +55°C

Plastic housing IP68

Visual position indicator

Self-regulating 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	Opening/ closing time (90°) (s)	Part No. 15-30V AC and 12-48V DC
8	1/4"	70	195	136	92	25	1.85	450163-8A	25	450163-8B
10	3/8"	70	195	136	92	25	1.92	450163-10A	25	450163-10B
15	1/2"	75	195	136	92	25	1.98	450163-15A	25	450163-15B
20	3/4"	92	195	136	92	25	2.22	450163-20A	25	450163-20B
25	1"	100	226	151	128	40	3.77	450163-25A	41	450163-25B
32	1"1/4	110	234	151	128	79	4.40	450163-32A	79	450163-32B
40	1"1/2	125	239	151	128	119	5.30	450163-40A	119	450163-40B
50	2"	150	251	151	128	119	6.80	450163-50A	119	450163-50B

Electric actuator with plastic housing 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: -10°C to +55°C (except for the fail-safe version: -10°C to +40°C).

Duty cycle: 50%. Number of starts per hour: 150.

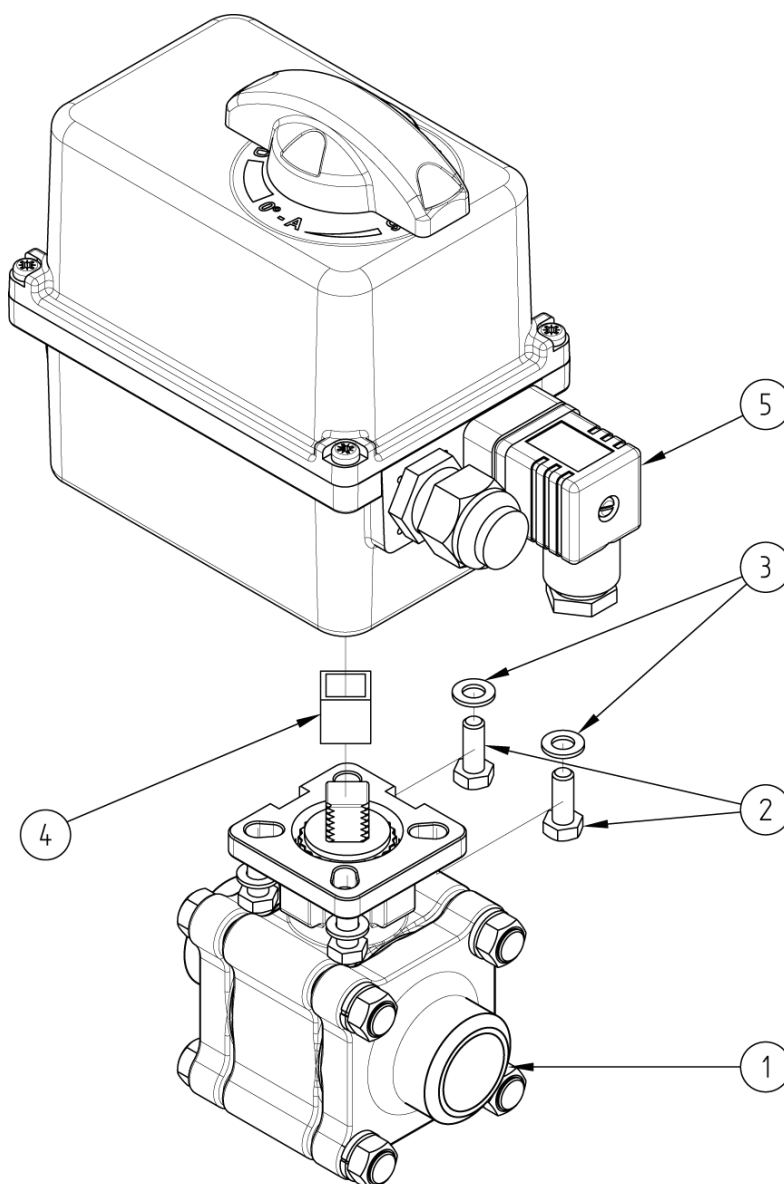
Actuator sized for a valve $\Delta P = \max.$ 16 bar. For $\Delta P > 16$ bar, please contact us.

Positioner version: The integrated positioning unit makes it possible to control the valve (opening/closing regulation) with a 4-20mA (or 0/10V) signal.

Béné Inox – 11 chemin de la Pierre Blanche – 69800 SAINT-PRIEST – S.A.S with 240 000 € share capital – SIREN N° 311 810 287

Tel. N°: +33 (0)4 78 90 48 22 – Fax N°: +33 (0)4 78 90 69 59 – www.bene-inox.com – bene@bene-inox.com

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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 (50842)	PLASTIC	1

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

- **58472** : 3-part valve to be butt welded (BW)
- **50842** : 1/4 turn (90°) electric actuator with 4/20mA positioning unit - IP68

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