

The K300 series electric 3-way stainless steel ball valve is designed for reliable performance in compact installations. It can be configured with either L or T port options and supports various electrical connections.

Technical Specifications

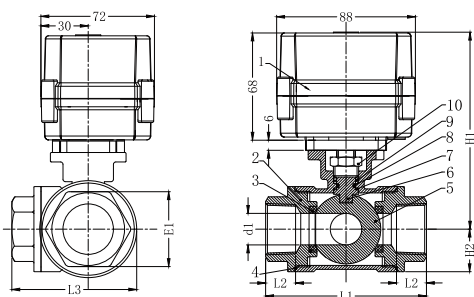
Sizes	NPT/BSP 1/2" 3/4" 1" (Optional)
Maximum Working Pressure	1.0 MPa
Circulation Medium	Fluid, air
Rated Voltage	DC12V , DC24V , AC/DC12-24V , AC/DC110-230V (Optional)
Working Current	≤ 1A
Open/Close Time	≤ 15S
Life Time	70000 times (testing pressure is 0.4MPa, medium is water)
Body Material	304 Stainless Steel , 316 Stainless Steel (Optional)
Actuator Material	PPO
Sealing Material	FKM ve PTFE
Actuator Rotation	90°
Torque Output	10 Nm
Cable Length	0.5m , 1.5m (optional)
Environment Temperature	-15 °C...50 °C
Liquid Temperature	2 °C...90 °C
Manual Override	No
Open/Close Indicator	Yes
Protection Class	IP67



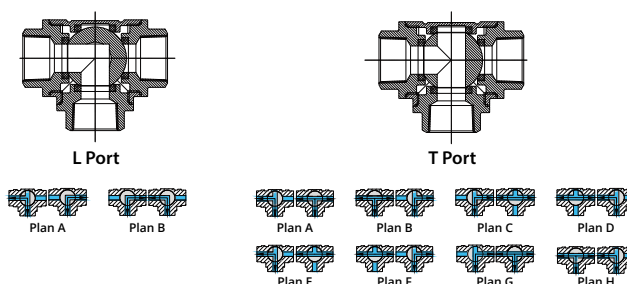
Part List

No	Part Name	Material	Qty.
1	Actuator	PPO	1
2	Body	AISI304 Stainless Steel	1
3	Seat	PTFE	4
4	Sealing Gasket	PTFE	3
5	Ball	AISI304 Stainless Steel	1
6	Stem	AISI304 Stainless Steel	1
7	Stem Gasket	PTFE	1
8	Oil-Seal	FKM	1
9	Packing	PTFE	2
10	Packing Gland	AISI304 Stainless Steel	1

Dimensions



Assembly Options

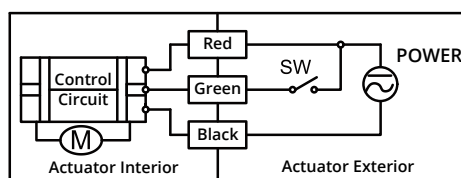


Size	Description	d1 ± 0.3	L1 ± 1	L2 ± 1	E1 ± 1	H1 ± 1	H2	L3
DN15	K300 Series 1/2" Three Way Ball Valve	12	69	18	25	111.5	18	53
DN20	K300 Series 3/4" Three Way Ball Valve	15	79	20	31	116	21	60
DN25	K300 Series 1" Three Way Ball Valve	18	86	20	38	124.5	23.5	68

Electrical Connection Diagrams

3 Wires Control

1. Red & Green connect with positive, Black with negative.
 2. SW CLOSE, valve OPEN, maintain after fully open.
 3. SW OPEN, valve CLOSE, maintain after fully closed.
- * Suitable Voltages: DC12V, DC24V, DC9-24V, AC/DC9-35V, AC/DC110-230V
 * Exceeding the working voltage is forbidden.
 * When it is de-energised, valve immediately stops.



2 Wires Control

Normally Closed

1. Red connect with positive, Black with negative.
2. SW CLOSE, valve OPEN, maintain after fully open.
3. SW OPEN, valve CLOSE, maintain after fully closed.

* Suitable Voltages: AC/DC9-24V, AC/DC9-35V, AC/DC110-230V
 * Exceeding the working voltage is forbidden.
 * When it is de-energised, valve is going to first position.

Normally Open

1. Red connect with positive, Black with negative.
2. SW CLOSE, valve CLOSE, maintain after fully open.
3. SW OPEN, valve OPEN, maintain after fully closed.

