

2-Way SS316 Sanitary Tri-Clamp

Motorized Ball Valve

Manual NO. 14743

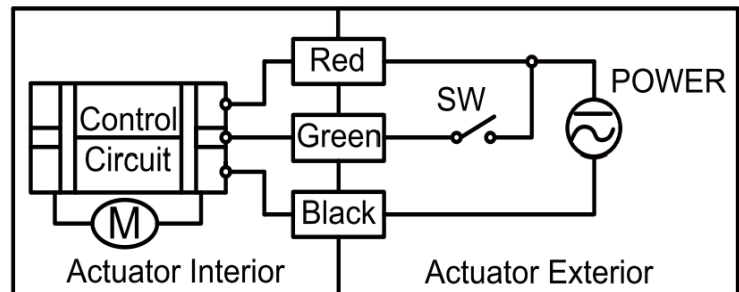
This 2-Way Sanitary Tri-Clamp Electric Ball Valve is an electrically actuated ON/OFF control valve designed for automatic flow control in water, air, and other compatible fluid systems. Constructed from 316 stainless steel, it offers enhanced corrosion resistance compared with 304 stainless steel. It features a sanitary tri-clamp connection for quick installation, removal, cleaning, and maintenance, making it suitable for food and beverage equipment, water treatment systems, automated processing lines, storage tanks, and other hygienic fluid-control applications.

Technical Parameters

Maximum Working Pressure	145 PSI	Actuator Rotation	90 degrees
Circulation Medium	Fluid, air	Maximum Torque	15 N.m
Rated Voltage	AC/DC 9-24V	Environment Temperature	-15°C to 50°C (5°F to 122°F)
Working Current	<= 1.5 A	Liquid Temperature	2°C to 90°C (36°F to 194°F)
Open/Close Time	<= 12 s	Open/Close Indicator	Yes
Life Time	70,000 cycles	Manual override	Yes
Protection Class	IP67		

WIRING SCHEMATIC

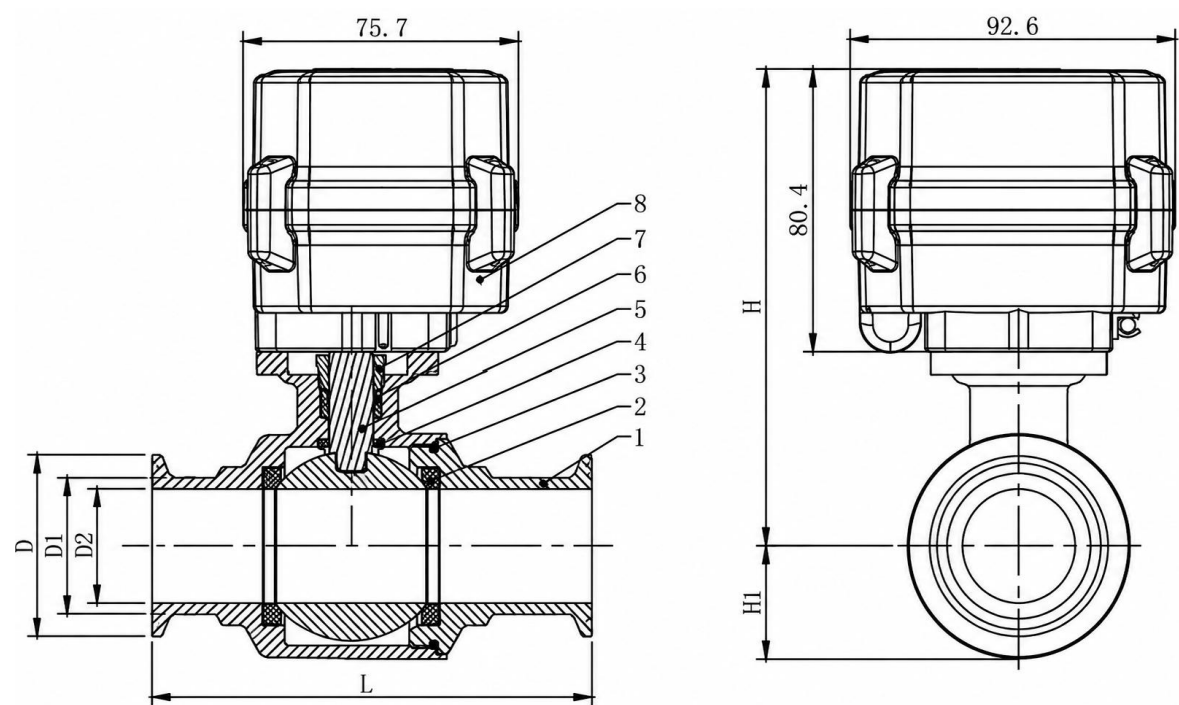
- Red & Green connect with positive, Black connect with negative.
- SW CLOSE, valve OPEN, maintain after fully open.
- SW OPEN, valve CLOSE, maintain after fully closed.
- Suitable Working Voltage: DC12V, DC24V, DC9-24V, AC/DC 9-24V, AC/DC9-35V, AC/DC110-230V
- Exceeding the working voltage is forbidden



COMPONENTS

Components	Material	Specification	Components	Material	Specification
Valve Body	Stainless Steel	316	Packing Gland	Stainless Steel	316
Valve Seat	PTFE		Actuator	PPO	
O-ring	VMQ		Gasket	PTFE	
Valve Stem	Stainless Steel	316	Packing	PTFE	

Assembly Diagram



Description	D	D1 ± 0.3	D2 ± 0.3	L ± 1	H ± 2	H1
32-S2-B	50.5	32	28.5	120	129	25.25
25-S2-B	50.5	25	22	119	127.5	25.25
19-S2-B	50.5	19	15.5	99	121	25.25