

YS20S 2-Way Motorized Valve (On/Off)



Is the valve currently in use getting stuck in the open/close position? Well the YS20S is the valve for you. With its new actuator it directly replaces solenoid valves both physically and electrically.

The YS20S is the result of merging the best of several technologies:

- State of the art electronics so no mechanical means are required to bring the valve to the default position.
- Large orifice, increasing your system's reliability as suspended solids will not plug it.
- Tremendous reduction in pressure drop and fantastic increment in the water flow at the same pressure difference.
- Extremely useful manual override for service and tests.

Features:

- Mini dimensions suits for small equipment
- Direct replacement for solenoid valves
- Low working current, suitable for battery driving
- Manual override is safe and convenient
- IP67 Enclosure

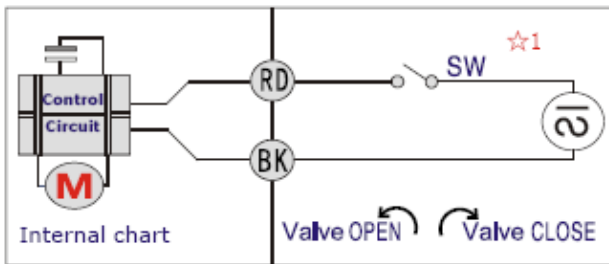
Applications:

- HVAC
- Water treatment
- Chemical process
- Small equipment for automatic control
- Replacing solenoid valves, particularly when solenoid cannot work reliably

Technical Parameters:

Series	Max Torque	Operating Time	Working Voltage	Max Power	Enclosure	Max Pressure	Max Temp	Ambient Temp	Humidity
YS20S	2N.M	5-7S	110V, 220V	3W	IP67	1.6 Mpa 230 psi	-20~+100°C -4~+220°F	-20 ~ +45°C -4 ~+113°F	<95%
				4W					
				5W					

Type 2 Wiring



Instructions:

- If SW is closed, the valve will open and keep on.
- If SW is opened, the valve will close and keep off

NOTE:

☆1 Type 2 is the same as wiring of monostable solenoid valve.
Attention: It should be supplied power at least 10 minutes before curing the power automatically.

Price List

Model Number	Size	Material	Voltage	Ball Material
YS20S050BS2W2NC	1/2" FNPT	Brass	95-120 VAC	Brass
YS20S075BSP2W2NC	3/4" FNPT	Brass	95-120 VAC	PTFE coated
YS20S100BSP2W2NC	1" FNPT	Brass	95-120 VAC	PTFE coated
YS20S050S162W2NC	1/2" FNPT	SS316	95-120 VAC	SS316
YS20S075S16P2W2NC	3/4" FNPT	SS316	95-120 VAC	PTFE coated
YS20S100S16P2W2NC	1" FNPT	SS316	95-120 VAC	PTFE coated
YS20S100BS2W2NC	1" ANSI Socket	PVC	95-120 VAC	PVC



Yamatho Supply LLC

e-mail: sales@yamathosupply.com

Phone/fax: 610-365-7928

www.yamathosupply.com

