

YS20SHT 2-Way Motorized Valve (On/Off)



Features:

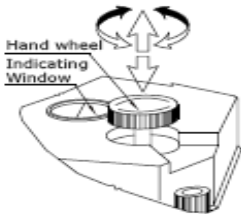
- Mini dimensions suits for small equipment
- Patented technology – floating seal structure
- Long service life – 70,000 to 100,000 circles
- Low working current, suitable for battery driving
- Manual override is safe and convenient
- IP67 Enclosure

Applications:

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

Technical Parameters:

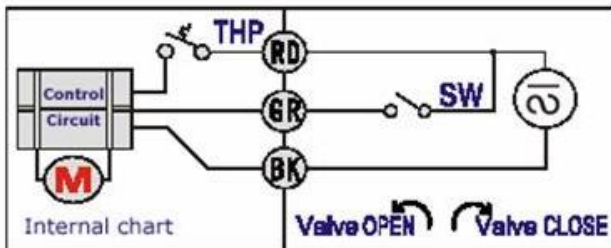
Series	Max Torque	Operating Time	Working Voltage	Max Power	Enclosure	Max Pressure	Max Temp	Ambient Temp	Humidity
20SHT	2N.M	5-7S	5V	3W	IP67	1.6 Mpa 230 psi	0-135 °C 0-275 °F	-20 °C<t<45 °C -4 °F<t<113 °F	<95%
			12V, 24V	4W					
			110V, 220V	5W					



Instructions for Manual override:

- It is only permitted to use when power is cut.
- Lift the hand-wheel, and turn it left or right until the valve is in place.
- When the black line on the indicator is horizontal, the valve is on; when vertical, the valve is off.
- Press down hand-wheel after using manual override in order to work properly when power is supplied.
- The service life is the testing data in the condition of 1.0Mpa, 200L/h, tap water as working medium. Different working occasions will influence the service life.
- Manual shaft and hand-wheel will be replaced by another upper cover if manual override function is not needed.
- Actuators are not direct-mount-on. Actuators are not sold separately.

BD3 Wiring



Instructions:

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

* 2 F-type (damp-proof) is optional.

* 3 The working current is tested under mentioned voltage in the parenthesis.

Price List

Model Number	Size	Material	Voltage	Ball Material
YS20SHT050BS3W2NC	1/2" FNPT	Brass	95-250 VAC	Brass
YS20SHT075BSP3W2NC	3/4" FNPT	Brass	95-250 VAC	PTFE coated
YS20SHT100BSP3W2NC	1" FNPT	Brass	95-250 VAC	PTFE coated
YS20SHT050S163W2NC	1/2" FNPT	SS316	95-250 VAC	SS316
YS20SHT075S16P3W2NC	3/4" FNPT	SS316	95-250 VAC	PTFE coated
YS20SHT100S16P3W2NC	1" FNPT	SS316	95-250 VAC	PTFE coated

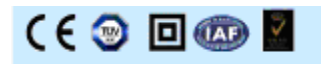
Yamatho

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