MD-36R

RED MAN™
ULTRA-HIGH PERFORMANCE SOLENOID

Two way | Three way | Full bore | Reduced bore
Stainless steel

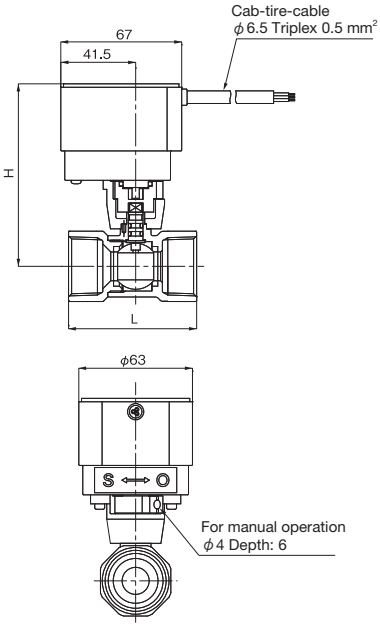
■Features

1. Outdoor, rainproof structure (IP65 specified in JIS C 0920).
2. Starts and stops are quick and accurate, and the indication of the working position can be checked.
3. Smoothly opens and closes, preventing water hammer by the fluid and ensuring complete sealing.
4. Manually operable.
5. A space heater is incorporated to prevent dew condensation (0.5 W).
6. Superior in durability: no motor burnout by function of the timer for motor protection.

■Specifications

Application		Air, Cold and hot water
Working pressure		0-1.0 MPa
Application temperature		-10-80°C (no freeze condition)
Ambient temperature		-20-50 (60)°C *
Rated voltage		AC 100 / 110 V 50 / 60 Hz common AC 200 / 220 V 50 / 60 Hz common
Power consumption		8 VA
Operation		ON-OFF
Operation angle		90˚ Positive & Negative rotation
Opening and closing time		7.5/6.3 seconds (50/60Hz)
Percentage duty cycle		20% 15 min.
Manual operation		Possible
Protective structure		Rainproof structure at the outdoor
Valve shape		Reduced bore
Material	Body	Brass
	Ball	Brass (Hcr plated)
	Seat	PTFE
Connection		JIS Rc screwed

* The ambient temperature of 60˚C depends on the frequency of operation and the temperature of the fluid. Please contact us.
· Valve (ball) is opened upon shipment from the factory.
· Any flow directions are available.



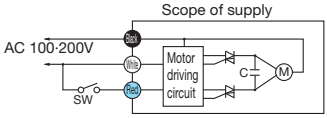
■Dimensions (mm) and Weights (kg)

Nominal size	L	H	Bore	Weight
15A	58	96	10	0.6
20A	63	98	12.5	0.7
25A	71	102	15	0.8

· Cv value

Nominal size	Cv value
15A	6
20A	11
25A	15

■Connecting Diagram



When SW is OFF, the valve closes.
When SW is ON, the valve opens.
Note) This valve may not be available if the switch is semiconductor such as triac.

■At the Time of Ordering

Please specify model, size, and also rated voltage.