

MD-36R

Features

1. Outdoor, rainproof structure (IP64 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℃ (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-degree positive, inverse rotation		
Opening and closing time	About 6-8 seconds		
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 plating)	
	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.

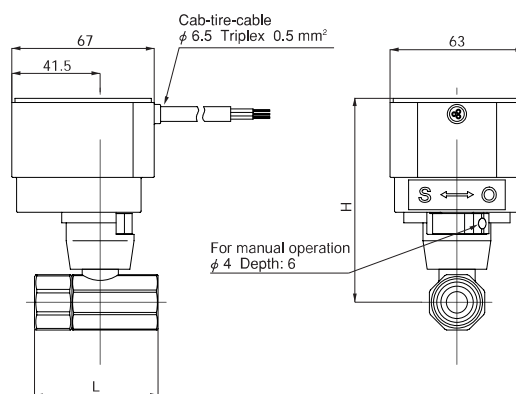


Dimensions (mm) and Weights (kg)

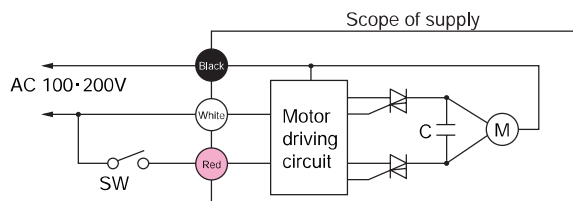
Nominal size	L	H	Bore	Weight
15A	58	96	10	1.1
20A	63	98	12.5	1.1
25A	71	102	15	1.2

●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.