

DM0 type Electric Actuator Specifications

FEATURE

A lightweight and economical electric actuator for DC power supply.
High-speed motion is realized by powerful DC motor use.

SPECIFICATION

Actuator type	DM0-030-0	DM0-070-0	DM0-180-0
Voltage	24V DC		
Rated torque [N·m]	3	7	18
Operation time [s]	0.8 to 1.5	2 to 3	4 to 6
Power consumption (Max) [VA]	24		
Motor	DC motor		
Overload protection	Thermistor		
Method of operation	Switching polarity type		
Operation	2 + 3 - → SHUT (SHUT PL is lit) 3 + 2 - → OPEN (OPEN PL is lit)		
Output signal rating	Resistance load 2 A 30 V DC Micro load 1 mA 5 V DC		
Duty cycle	20 % 15 min.		
Ambient temperature	-20 to 55 °C		
Space heater	1 W		
Manual operation	Direct operation of output shaft		
Enclosure	Equivalent to IP65 (IEC 60529)		
Housing material	Aluminum alloy die cast + Polycarbonate resin cover		
Terminal block	For bare wire 0.14 to 1.5 mm ² (AWG 26 to 16)		
Conduct port	G3/8 Cable gland (for Φ5 to 10.5 mm cable)		

3 way valve: SHUT / Position①, OPEN / Position②.

WIRING

