

MD603A

Compact Damper Motor

The MD603A is a 90 degree rotation, low-torque, high-speed operation electric actuator. This motor is used to control combustion air damper in boilers and industrial burners.

The MD603A offers 2-position (Lo/Hi) control.



Specifications

Model No.	MD603A100	MD603A200
Power supply	100Vac, 50/60Hz	200Vac, 50/60Hz
Control mode	Hi-Lo, 2-position operation	
Rotation angle	0 to 90° (Hi position, Lo position and signal switch optionally settable)	
Output torque	At driving: 1Nm At non-driving: 0.4Nm	
Driving shaft maximum side load	50N	
Rotation time	50Hz: 3s 60Hz: 2.5s	
Rotation direction	When viewed from driving shaft end, opening operation is in a clockwise rotation and closing operation is in a counterclockwise rotation.	
Signal switch rating	250Vac, 0.5A (resistive load)	
Power consumption	4VA	
Mechanical life	200,000 operations	
Ambient temperature	-10 to +50°C	
Ambient humidity	40°C, 90%RH max.	
Main body material	Polycarbonate containing 20% glass	
Electrical wire connection port	Pg 9	
Applicable electrical wire	2.0mm dia. single wire	
Weight	0.4kg	
Protection	IP40	

Selection Guide

Model No.	Description
MD603A100	100Vac, 50/60Hz
MD603A200	200Vac, 50/60Hz

Dimensions

(unit:mm)

