

Product Application Reference

Rotary Air Damper Actuators

EDAO6108/EDAO6116/EDAO6124 Rotary Air Damper Actuators

Features

- Universal Spindle Clamp for easy direct mounting
- Anti-rotation bracket provided for stability
- Manual over ride by push button when required
- Adjustable angle of rotation
- Parallel connection up to 5 actuators
- 2 adjustable SPDT auxiliary switches when requested
- Power saving at end stops
- Customized version available, on request

Specifications

Item	EDAO6108	EDAO6116	EDAO6124
Torque	8Nm	16Nm	24Nm
Damper area	2m ²	4m ²	6m ²
Running Time	30s	80s	125s
Power supply	AC24V/DC24V/AC220V/230V/AC110V		
Frequency	50/60Hz		
Working Power	Operating: 3.9W(24V) 4.8W(220V/230V) At the end stops: 0.4W(24V) 1.2W(220V/230V)		
Wiring size	6.5 VA		
Shipping weight	1.26Kg		
Control signal	2 point and 3 point		
Rotation angle	0~90°		
Limit angle	5~85° (5°increment)		
Auxiliary switch rating	3 (1.5) Amp 230V		
Life cycle	60,000 Cycles		
Noise level	45dB(A)		
Protection class	II		
IP protection	IP44or IP54		
Ambient temperature	-20~+50°C		
Ambient humidity	5~95%RH		
Storage	-40~+70°C		
Certificate	CE		

EDAM(O)6132 Rotary Air Damper Actuators

EDAM6132 Rotary Air Damper Actuators

Characteristics



- Modulating Control
- Fast reaction, Close, On, Short operation time
- Connection shaft: Round shaft: Max ϕ 20mm,
Square shaft: Max 16*16mm
- Adjustable angle of rotation
- Manual over ride by push button when required
- Two floating auxiliary switch
- Customized version available, on request

Specifications

Item	Unit	EDAM6132(S)
Torque	Nm	32Nm
Damper area	m ²	6m ²
Running Time	sec	240s
Power supply	V	AC24; DC24
Frequency	Hz	50/60Hz
Working Power	W	2.5W
Non-Working	W	0.3W
Wiring size	VA	4.5VA
Shipping weight	Kg	1.1Kg
Control signal		0(4)...20mA 0(2)...10V
Rotation angle		0~90°
Limit angle		5~85° (per step 5°)
Auxiliary switch rating		3 (1.5) A, AC24V
Life cycle		60,000 Cycles
Noise level		45dB(A)
Protection class		II
IP protection		IP54
Ambient temperature		-20~+50°C
Ambient humidity		5~95%RH
Storage		-40~+70°C
Certificate		CE

EDAO6132 Rotary Air Damper Actuators

Characteristics

- Control by 2 points or 3 points
- Fast reaction, Close, On, Short operation time
- Connection shaft: Round shaft: Max ϕ 20mm,
Square shaft: Max 16*16mm
- Adjustable angle of rotation
- Manual over ride by push button when required
- Two floating auxiliary switch
- Customized version available, on request

Specifications

Item	Unit	EDAO6132(S)
Torque	Nm	32Nm
Damper area	m ²	6m ²
Running Time	sec	140s
Power supply	V	AC24; DC24
Frequency	Hz	50/60Hz
Working Power	W	4.0W
Non-Working	W	0.5W
Wiring size	VA	3.0VA
Shipping weight	Kg	1.1Kg
Control signal		2 Points and 3Points
Rotation angle		0~90°
Limit angle		5~85° (per step 5°)
Auxiliary switch rating		3 (1.5) A, AC24V
Life cycle		60,000 Cycles
Noise level		45dB(A)
Protection class		II
IP protection		IP54
Ambient temperature		-20~+50°C
Ambient humidity		5~95%RH
Storage		-40~+70°C
Certificate		CE

※ CE Compliance EMC (89/336/EEC) according to the standard EN73/23/EEC and 93/68/EEC.