

EDA series of Rotary Air Damper Actuators

Summary

ENLENIDA high quality damper actuators have been designed for use with air damper, butterfly valve, characterized ball valve and globe valve with the use of special adapter. The EDA series is direct-mount line of electric actuators that operates on 24 / 220 VAC or VDC power and is available for use with floating, proportional or resistive controllers.

EDA series output 4– 32 Nm torques and each of them has two models : Digital and Analog ue.



Specifications

Model	EDAM6104
Torque	4Nm
Damper area	1 m²
Running Time	35s
Power supply	24VAC/DC, 4~20mA
Frequency	50/60Hz
Power consumption	Operating: 2.5W At the end stops: 0.85W
Wiring size	4.1VA
Shipping weight	0.9Kg
Control signal	0~10 VDC / 4~20mA
Rotation angle	0~90°
Limit angle	5~85°(5°increment)
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

Specifications

Model	EDA06104-1	EDA06104-3
Torque	4Nm	
Damper area	1 m²	
Running Time	35s	
Power supply	24VAC/DC	230VAC
Frequency	50/60Hz	
Power consumption	Operating: 2.5W(24V) 4.0W(230V) At the end stops: 0.85W(24V) 3.0W(230V)	
Wiring size	4.1 VA	5.0VA
Shipping weight	0.9Kg	1.0Kg
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	