

EA700 Series Standard Damper Actuators

Designed for damper control within HVAC systems.



Torque:

2Nm, 5Nm, 10Nm, 20Nm, 30Nm, 40Nm

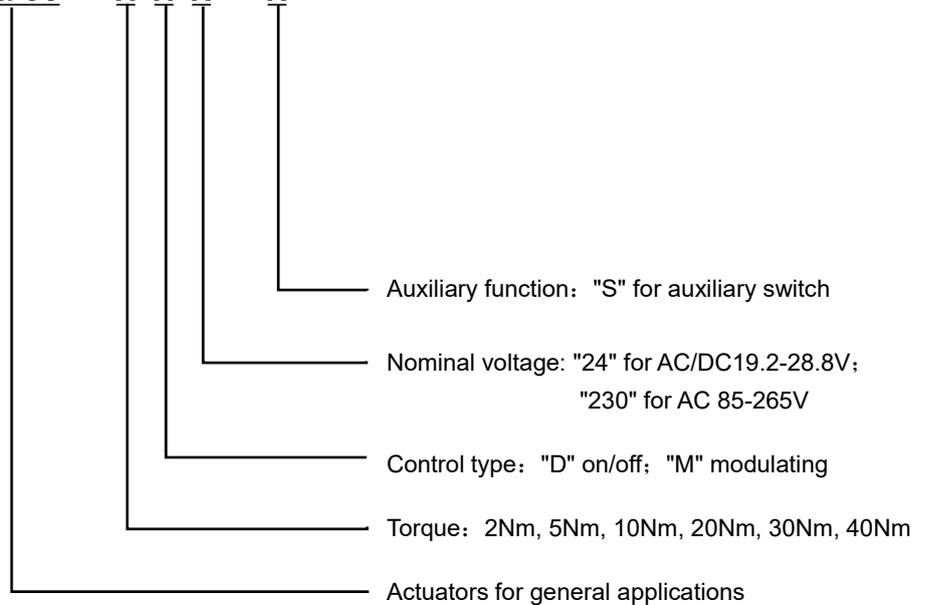
Nominal Voltage and Control Type:

AC/DC19.2-28.8V or AC85-265V, 2-point/3-point, D

AC/DC19.2-28.8V, 0(2)-10V or 0(4)-20mA, M

Product Code Description:

EA700 - X X X - X



EA700 Series Standard Damper Actuators

30Nm Model Selection Chart



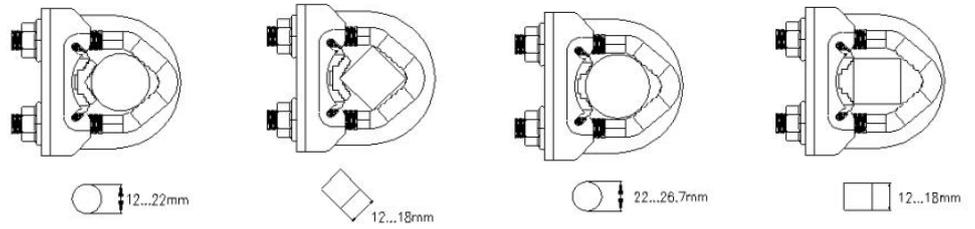
Model	Torque	Running Time	Nominal Voltage	Auxiliary Function
EA700-30D24	30Nm	75s	AC/DC 24V	None
EA700-30D230			AC 230V	
EA700-30M24			AC/DC 24V	
EA700-30D24-S			AC/DC 24V	Auxiliary Switches
EA700-30D230-S			AC 230V	
EA700-30M24-S			AC/DC 24V	

Technical Parameters

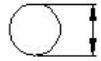
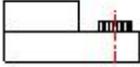
Model	EA700-30D24	EA700-30D230	EA700-30M24	
	EA700-30D24-S	EA700-30D230-S	EA700-30M24-S	
Electrical Parameters				
Nominal Voltage	AC/DC 24V 50/60Hz	AC 230V 50/60Hz	AC/DC 24V 50/60Hz	
Voltage Range	AC/DC 19.2-28.8V	AC 85-265V	AC/DC 19.2-28.8V	
Power	running	5W		
Consumption	holding	0.7W	1W	0.7W
Cable Specification	On/Off Type: 1m cable 3*0.75mm ² ; Modulating Type: 1m cable 4*0.5mm ² ; Feedback Signal: 1m cable 6*0.5mm ²			
General Parameters				
Torque	30Nm			
Damper Size	6m ²			
Running Time	75s			
Control Type	2-point/3-point		0(2)-10V or 0(4)-20mA	
Rotation Angle	0~90° (93°max.)			
Rotation Direction	L/R switch			
Position Feedback	available with 2 auxiliary switches			
Life Cycle	≥70000			
Noise Level	45dB			
Working Environment				
Protection Class	II /III			
Protection Level	IP54			
Ambient Temperature	-30~+50°C			
Ambient Humidity	5~95%RH			
Storage Temperature	-40~+80°C			
Dimension/Weight/Other				
Shaft	 12-26.7mm; If the size of the damper shaft is small, use shaft spacer 6			
Weight	1.4Kg			
Certificate	CE、UL、UKCA、RoHS			

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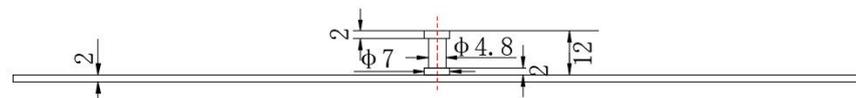
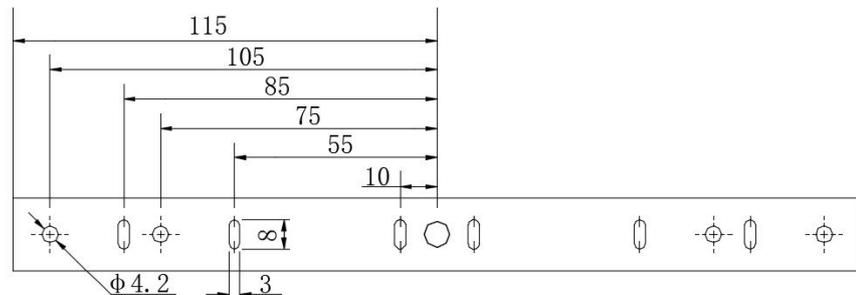
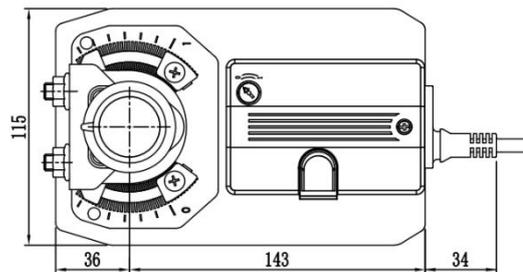
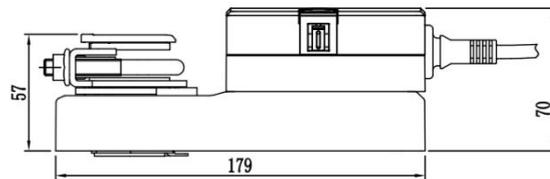
EA700-30/40 Shaft Dimensions



Unit: mm

Throttle Axis	Length			
	≥ 52	12....26.7	≥ 12	≤ 26.7

EA700-30/40 Shape and Mounting Dimensions (mm)

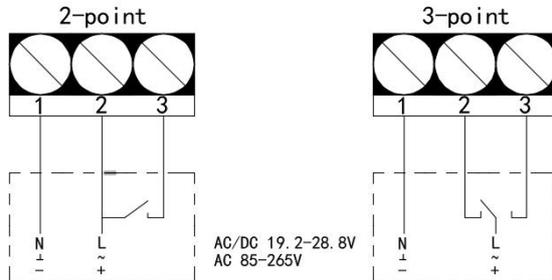


EA700 Series Damper Actuators Installation Diagram

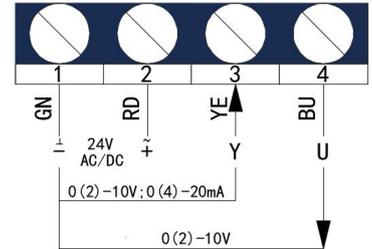
Wiring Diagram



ON/OFF

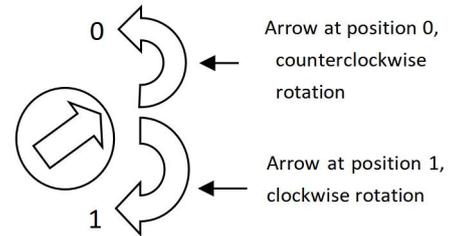
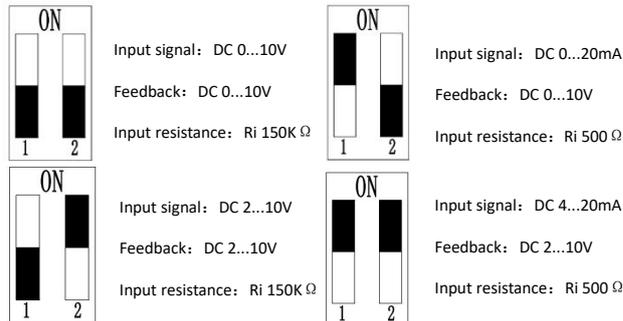


MODULATING



Control signal and Input resistance

According to on-site needs, the position of the SW1 dial switch in the circuit board can be adjusted to achieve the conversion of control signals and feedback signals, as shown in the following figure.



Auxiliary Switch Description

