



บริษัท เอดีดี เฟอร์เนส จำกัด

ADD FURNACE CO.,LTD.

44 ซอยบรมราชชนนี 70 ถนนบรมราชชนนี แขวงศาลาธรรมสพน์ เขตทวีวัฒนา กรุงเทพฯ 10170

โทร: 02-888-3472 โทร: ออกแบบ: 08-08-170-170 แฟกซ์: 02-888-3258

<https://www.add-furnace.com> E-mail: sales@add-furnace.com

SOLOON

Operation Instruction

S6061-08/16 AFK Rotary Damper Actuator

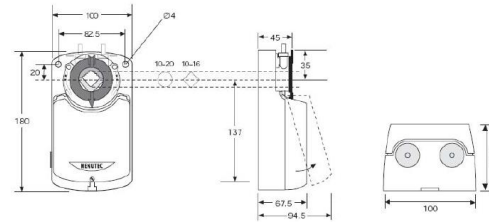


S6061-08/16AFK is proud to offer the NASA... Series of damper actuators designed specifically applications into the HVAC and Light Industrial market. S6061-08/16/24DFK high quality damper actuators have been designed for use with fast running air damper, butterfly valve.

Product features:

- 2 and 3 point control
- Shaft dimension $\varnothing 10...20$ mm / $10...16$ mm square
- 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 between $0^\circ...90^\circ$
- Selectable direction of rotation
- Parallel connection up to 5 actuators
- 2 adjustable SPDT auxiliary switches when requested
- Power saving at end stops
- Actuators available with 1m cable on request
- Selectable direction of rotation
- Customised version available, on request

S6061- (08, 16) AFK Mounting dimensions



Specifications:

Item	S6061-08AFK	S6061-16AFK
Torque	8Nm	16Nm
Running Time	8sec	16sec
Power supply	24 VAC /VDC	
Frequency	50/60Hz	
Wiring size	13 VA	
Shipping weight	1.2Kg	
Control signal	2point and 3point	
Rotation angle	$90^\circ(93^\circ\text{mechanical})$	
Limit angle	$5-85^\circ(\text{in } 5^\circ \text{ step})$	
Auxiliary switch rating	3A/230V(for 24V and 230V)	
Life cycle	60,000 cycles	
Noise level	50dB(A)	
Protection class	II	
IP protection	IP44or IP55	
Ambient temperature	$-20\sim+50^\circ\text{C}$	

Soloan Electronics (Beijing) Co., Ltd &
Soloan Electronics (Singapore) Co., Ltd.



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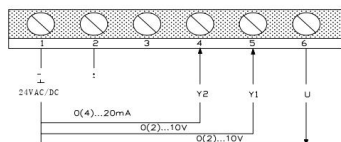
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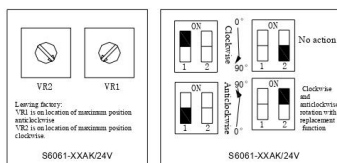
Ambient humidity	5~95%RH
Storage	-30~+70℃
Certificate	CE and ISO9000

Wiring diagram:

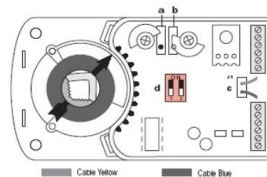
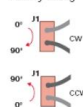


Signal control and Changing direction of rotation

The electronic controller of VR1 and VR2 can set the scope of control signals discretionally. VR1 is used for setting high-grade signals. And VR2 is used for setting low-grade signals. The leaving factory setting positions are matched with the control signal of 0...20mA, 0...10V.



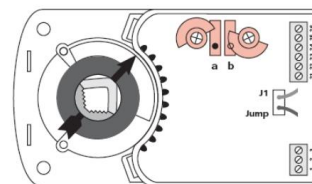
The direction of rotation can be changed by reversing Jumper J1
Factory setting



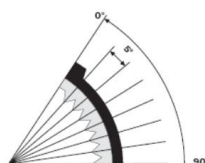
Auxiliary switch adjustment

Factory setting
Switch a at 10°
Switch b at 80°

The switching position can be manually changed to any required position by turning the ratchet.



Angle-of-rotation limiting



Releasing the adapter

