



## Features

- Torque 16 Nm
- For regulate dampers up to approx. 4.0 m<sup>2</sup>
- Power supply 24 Vac/dc
- Control signal 0(2)-10 Vdc or 0(4)-20 mA
- Feedback signal 0(2)-10 Vdc
- Running time 80 seconds
- Position indicator
- Direction of rotation changeable via switch on pcb
- Manual override by push button

## Technical data

RA16 24VC

<b>Torque</b>	16 Nm
<b>Control signal (Y1)</b>	0(2)-10 Vdc
<b>Control signal (Y2)</b>	0(4)-20 mA
<b>Feedback signal (U)</b>	0(2)-10 Vdc
<b>Auxiliary switch rating</b>	3 (1.5) Amp. 230 V for RA16 24VC S2
<b>Power supply</b>	24 Vac/dc
<b>Frequency</b>	50/60 Hz
<b>Running time</b>	80 seconds
<b>Power consumptions</b>	
- Operating	4.0 W
- At the end stops	0.7 W
<b>Rotation angle</b>	0-90°
<b>Limit angle</b>	5 to 85° (5° increment)
<b>Life cycle</b>	60.000 cycles
<b>Noise level</b>	45dB(A)
<b>Selection of rotation direction</b>	via jumpers on pcb
<b>Protection class</b>	<input type="checkbox"/>
<b>Protection</b>	IP 44
<b>Ambient temp.</b>	-20 to +50°C
<b>Ambient humidity</b>	5 to 95% rH
<b>Storage</b>	-40 to +70°C
<b>Weight</b>	1300 g
<b>Approval</b>	CE certificate

## Description

VCP non-spring return damper actuators are suitable for many applications including motorised control of dampers in ventilation systems such Building Automation Systems (BAS), Building Management Systems (BMS) or Heating, Ventilation, and Air Conditioning (HVAC) environments.

Solutions for VCP non-spring return damper actuators are ideal for control dampers, air handlers, economizer units, VAV terminal units, fan coil units, fan shutters, and unit ventilators.

VCP non-spring return damper actuators to be direct mount on standard damper shafts to control dampers.

The 16 Nm non-spring return damper actuators RA16 24VC with selectable control signal 0-10 Vdc or 4-20 mA are used to regulate dampers up to approx. 4.0 m<sup>2</sup>.

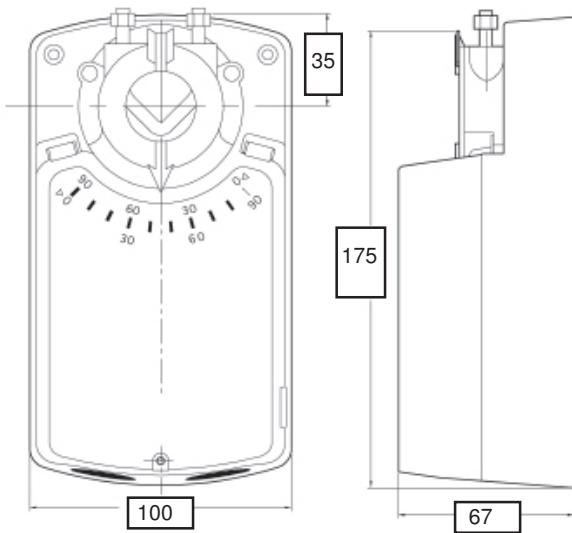
Auxiliary switches equipped on the non-spring return damper actuators type RA16 24VC.

Feedback signal is standard on all the 16 Nm non-spring return damper actuators RA16-series with analogue control signal.

## Ordering

Type no.	Description
<b>RA16 24VC</b>	Damper actuator, 16 Nm, 24 Vac/dc, with 0-10 Vdc or 4-20 mA control signal
<b>RA16 24VC S2</b>	Damper actuator, 16 Nm, 24 Vac/dc, with 0-10 Vdc or 4-20 mA control signal, auxiliary switches

**Dimensions**

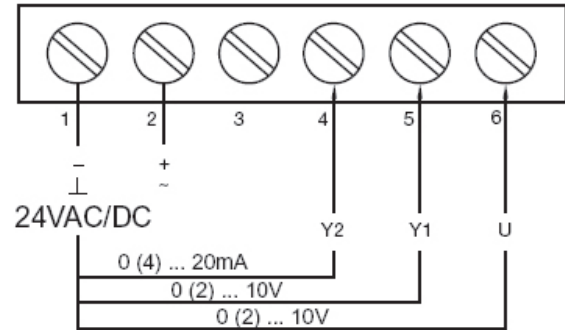


Max size for round shaft is 20 mm in diameter.

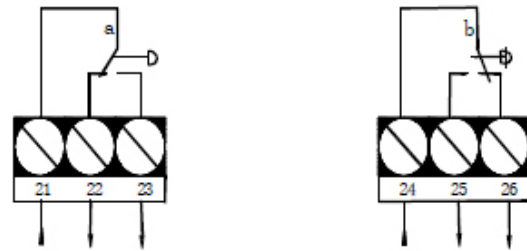
Max size for square shaft is 16x16 mm.

Anti-rotation bracket provided for stability.

**Wiring**

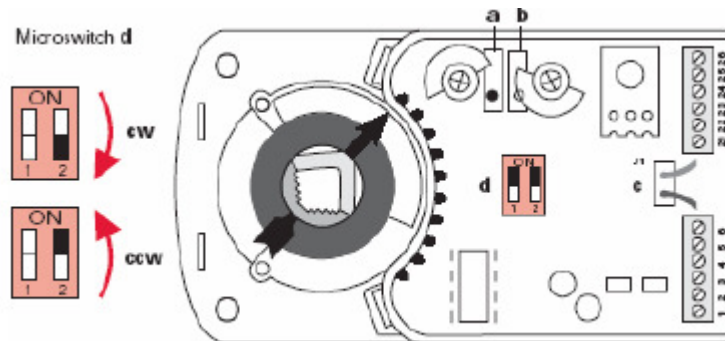


**Auxiliary switches**



3 (1.5) Amp. 230 V  
Actuator at 0° position

**Selection of rotation direction**



We reserve the right to make changes in our products without any notice which may effect the accuracy of the information contained in this leaflet.