

HVAC CONTROL PRODUCTS

Actuators

Non Spring Return Plant Valve Actuators

RA-3000

Floating and Proportional Control

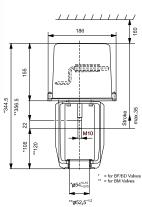
The RA-3000 series synchronous motor-driven reversible actuators are available for 3-point (floating) or with electric positioner for $0...10\ V$ control.

They feature factory calibrated pressure switches to provide specified close-off ratings. These actuators are available in three sizes with 1600 N, 1800 N and with 3000 N nominal force and can be used with JC flanged valves according to maximum close-off pressure ratings specified. Factory fitted options, such as 2kOhm feedback potentiometer, auxiliary switches and hand crank are available.

Features

- Uses synchronous motor with pressure switches
- Special clamp coupler quick-fit systems
- Models for 3-point and proportional 0...10 VDC control
- Positioner with adjustable starting point, span, and direct/reverse action
- Active 0...10 VDC position feedback on proportional models
- Optional auxiliary switches and feedback potentiometer available
- Optional hand crank





Dimensions in mm

| | RA-3xxx-712x | RA-3xxx-722x | RA-3xxx-732x |
|----|--------------|--------------|--------------|
| H1 | 58 mm | 66 mm | 66 mm |

| Ordering Codes* | Hand Crank** | Actuator Force | Supply Voltage | Nominal Stroke | Protection Class |
|-----------------|--------------|----------------|-----------------|----------------|-------------------------|
| RA-30xx-7126 | | | 2414 50/6014 | - 13 mm | IP54 |
| RA-31xx-7126 | • | 4500 N | 24 V, 50/60 Hz | | |
| RA-30xx-7127 | | 1600 N | 220 1/ 50/50 11 | | |
| RA-31xx-7127 | • | | 230 V, 50/60 Hz | | |
| RA-30xx-7226 | | | 24.7/ 50/50.11 | | |
| RA-31xx-7226 | • | 4000 N | 24 V, 50/60 Hz | 25 mm | |
| RA-30xx-7227 | | 1800 N | 220 1/ 50/50 11 | | |
| RA-31xx-7227 | • | | 230 V, 50/60 Hz | | |
| RA-30xx-7325 | | | 2477 6011 | | |
| RA-31xx-7325 | • | | 24 V, 60 Hz | | |
| RA-30xx-7326 | | | 24.7/ 50.11 | - 42 mm | |
| RA-31xx-7326 | • | 2000 N | 24 V, 50 Hz | | |
| RA-30xx-7327 | | 3000 N | 220 1/ 50 11 | | |
| RA-31xx-7327 | • | 1 | 230 V, 50 Hz | | |
| RA-30xx-7328 | | | 230 V, 60 Hz | | |
| RA-31xx-7328 | • | | | | |

Note

^{*:}xx = 00 None

^{03 2} auxiliary switches and 2 KW feedback potentiometer

⁰⁵ 2 auxiliary switches and 135 Ω feedback potentiometer

⁴¹ Built-in positioner 0...10 VDC and 2 auxiliary switches (only 24 VAC models)