

HVAC CONTROL PRODUCTS

Actuators

Spring Return Plant Valve Actuators

FA-2000

Floating and Proportional Control

The FA-2000 series electric actuators are available for 3-point control or with electronic positioner for 0...10 V or 0...20 mA control. It provides a fully variable valve aperture, a power failure spring return safety mechanism and an electrically operated manual override.

Three models of the FA-2000 are available.

The FA-22 ("failsafe" position down = stem fully extended)

and FA-25 ("failsafe" position up = stem fully retracted):

this model pair has a 25 mm stroke and a minimum of 2400 N thrust.

The FA-23 ("failsafe" position down) and FA-26 ("failsafe" position up):

this model pair has a 42 mm stroke of and a minimum thrust of 2200 N.

The FA-24 ("failsafe" position down) and FA-27 ("failsafe" position up):

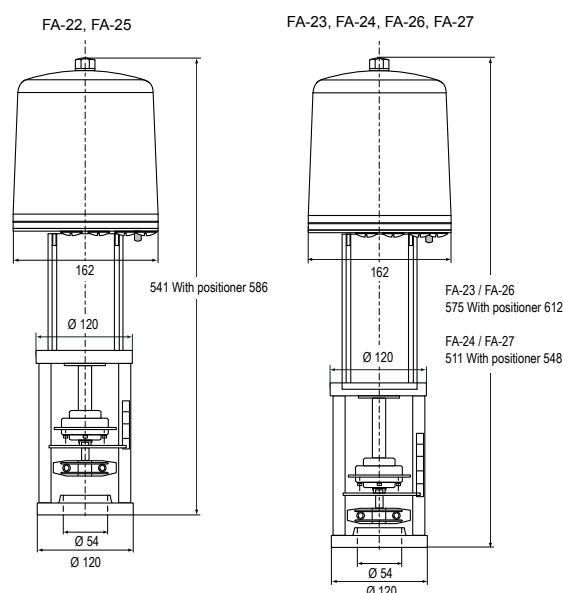
this model pair has a stroke of 13 mm and 2000 N minimum thrust.

The actuator can be combined with VG8000 (H, N, V) series in accordance with the maximum close-off pressure ratings specified.

The FA-2000, when delivered as a single unit, is pre-set to facilitate installation with minimum adjustment; it is also available with a variety of options such as auxiliary switches and feedback potentiometers

Features

- Power failure mechanism (Spring Return)
- Visible calibration ring on stem coupling
- Positioner with adjustable starting point, span and direct/reverse action
- Electrically operated manual override
- Quick-fit coupling clamp



Dimensions in mm

Ordering Codes *	Supply Voltage (50 Hz)	Action Control	Spring Return Function	Nominal Thrust	Nominal Stroke	Protection Class	Power Consumption	Emergency Shut of speed
FA-22xx-7516	24 VAC	Floating and Proportional	Stem fully extended	2.4 kN	25 mm	IP54	6.1 VA	≤ 81
FA-25xx-7516			Stem fully retracted					
FA-23xx-7416			Stem fully extended	2.2 kN	42 mm			≤ 201
FA-26xx-7416			Stem fully retracted					
FA-24xx-7116			Stem fully extended	2 kN	13 mm			≤ 51
FA-27xx-7116			Stem fully retracted					

Note

* xx = 00 None

01 2 Auxiliary switches

02 2 K Ω feedback potentiometer

03 2 K Ω feedback potentiometer and 2 auxiliary switches

04 135 Ω feedback potentiometer

40 Built-in electronic positioner 0...10 V / 0(4)...20 mA

41 Built-in electronic positioner 0...10 V / 0(4)...20 mA and 2 auxiliary switches