

ACTUATORS AND VALVES

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SPRING RETURN PLANT VALVE ACTUATORS

FA-2000

FLOATING AND PROPORTIONAL CONTROL

The FA-2000 Series Electric Actuators are available for floating 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 actuator can be combined with VG8000 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

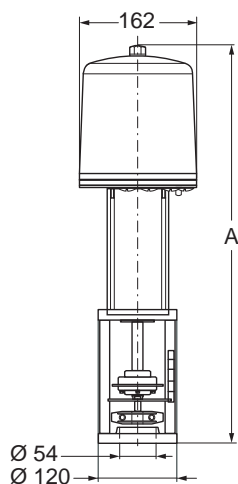




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FA-2000 SPRING RETURN PLANT VALVE ACTUATORS

DIMENSIONS (in mm)



A	WITHOUT POSITIONER	WITH POSITIONER
FA-22 / FA-25	541	586
FA-23 / FA-26	575	612

ORDERING INFORMATION

CODES	SUPPLY VOLTAGE (50 Hz)	ACTION CONTROL	SPRING RETURN FUNCTION	BUILT-IN ELECTRONIC POSITIONER	NOMINAL THRUST	NOMINAL STROKE (mm)	PROTECTION CLASS	POWER CONSUMPTION	EMERGENCY SHUT OF SPEED
FA-2200-7516	24 VAC	Floating and Proportional	Stem fully extended	---	2.4 kN	25	IP54	6.1 VA	≤ 81
FA-2500-7516			Stem fully retracted						
FA-2300-7416			Stem fully extended		2.2 kN	42			≤ 201
FA-2600-7416			Stem fully retracted						
FA-2240-7516			Stem fully extended	0...10 V / 0(4)...20 mA	2.4 kN	25			≤ 81
FA-2540-7516			Stem fully retracted						
FA-2340-7416			Stem fully extended		2.2 kN	42			≤ 201
FA-2640-7416			Stem fully retracted						
FA-2241-7516			Stem fully extended	0...10 V / 0(4)...20 mA and 2 auxiliary switches	2.4 kN	25			≤ 81
FA-2541-7516			Stem fully retracted						
FA-2341-7416			Stem fully extended		2.2 kN	42			≤ 201
FA-2641-7416			Stem fully retracted						