

Series NE-SR5 Electric Spring Return Actuator

ACTUATORS & CONTROLS

THE ELECTRIC SOLUTION

NIBCO has taken the lead in offering a cost effective Electric Spring Return Actuator. The NE-SR5 Series actuator offers a variety of solutions when a system needs protection against a loss of power.

The NE-SR5 is designed for use in environments where automatic closing/opening is required upon loss of power.

When power is available the device operates like a normal quarter-turn actuator.

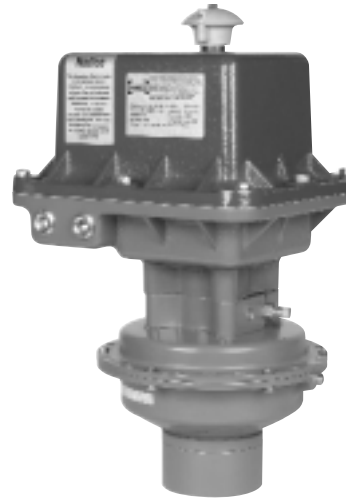
- Under powered operation, the spring pack travels with the movement of the actuator.
- Under powered stopped conditions, the actuator and spring are held in position via the electric mechanical brake
- Under loss of power, the spring is released and drives the actuator to the pre-designated failsafe position.

STANDARD FEATURES

- Heater and Thermostat
- Permanently lubricated steel gear train
- Hardened steel female drive coupling
- Electric mechanical brake
- Thermally protected, capacitor run, single phase motor
- Clockwise (CW) spring return
- Two 1/2" NPT conduit entrances
- Captive hex bolts on enclosure
- F04 and F05 DIN/ISO Mount and Drive
- Adjustable mechanical stop at the failsafe location
- Enclosure certified to NEMA type 1, 2, 3, 3R, 4, 4X, 5 and 12

OPTIONAL FEATURES

- Modulating service (separate enclosure)
- Standard 1K ohm pot
- 220 VAC 50/60 Hz motor
- Up to 4 Auxiliary switch sets
- Counter clockwise (CCW) spring return



Model Number	Voltage	Material Number
NE-SR5-10-4	115 VAC	T117028
NE-SR5-10-4	220 VAC	T117030
NE-SR5-15-4	115 VAC	T117032
NE-SR5-15-4	220 VAC	T117034
NE-SR5-30-4	115 VAC	T117036
NE-SR5-30-4	220 VAC	T117038

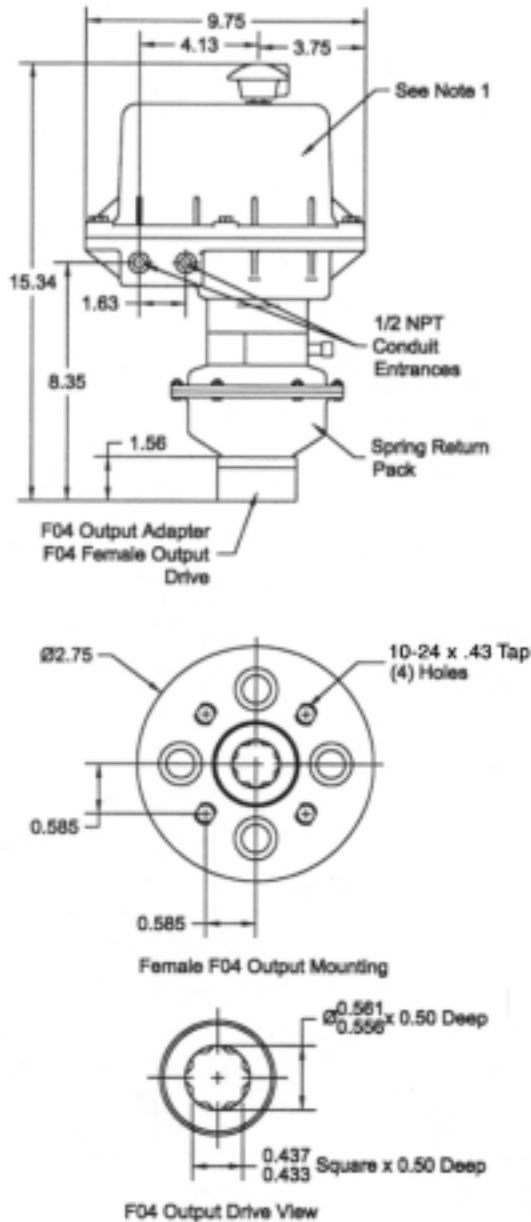
SERIES NE-SR5 TECHNICAL DATA

Model	Torque (against spring)		Torque (with spring)		Speed (sec/90°)		Motor Ratings			Weight (lbs)
	in/lb	nm	in/lb	nm	Motor	Spring	LRA	FLA	Duty Cycle	
SR5-30	600	68	700	79	30	6	0.35	0.30	100%	36-38
SR5-15	400	45	450	51	15	5	0.69	0.3	100%	28-30
SR5-10	300	34	350	40	10	4	0.69	0.34	100%	28-30

Spring Return Electric Actuator

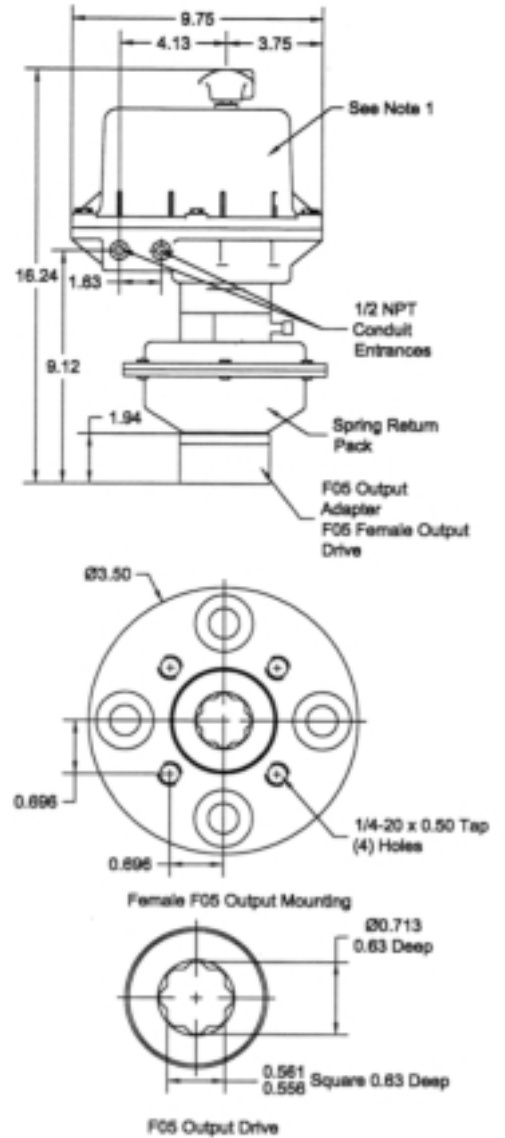


Series NE-SR5-10 and NE-SR5-15



NOTE: 1) Add 4.75 to Overall Dimension for Cover Removal

Series NE-SR5-30



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