

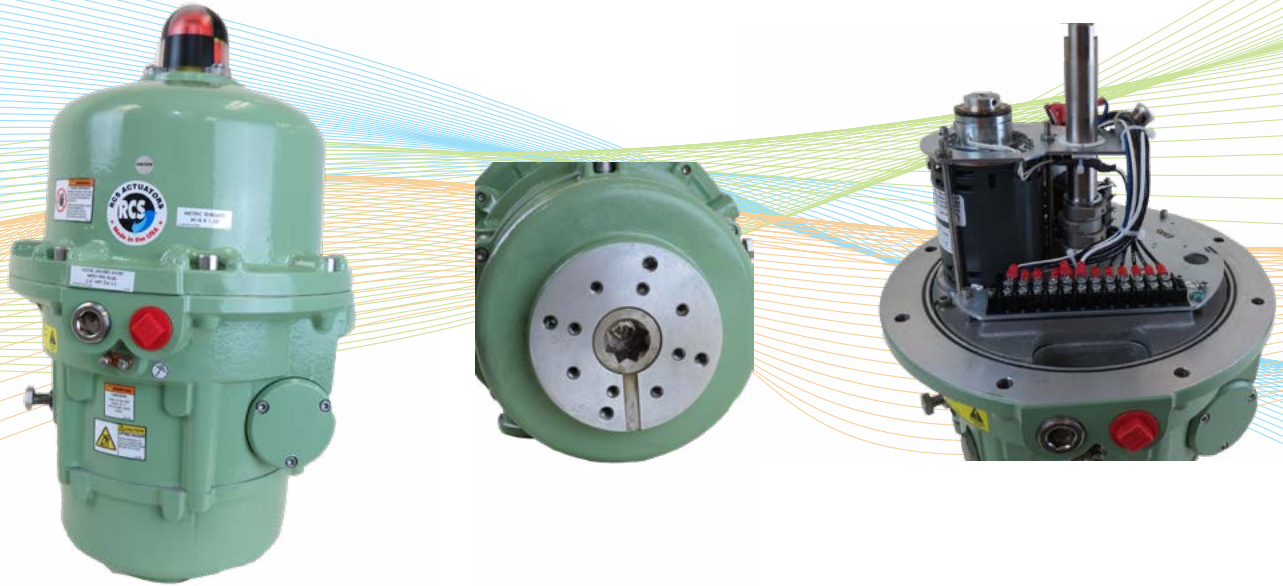
Sure 65

Spring-Return Electric Actuator



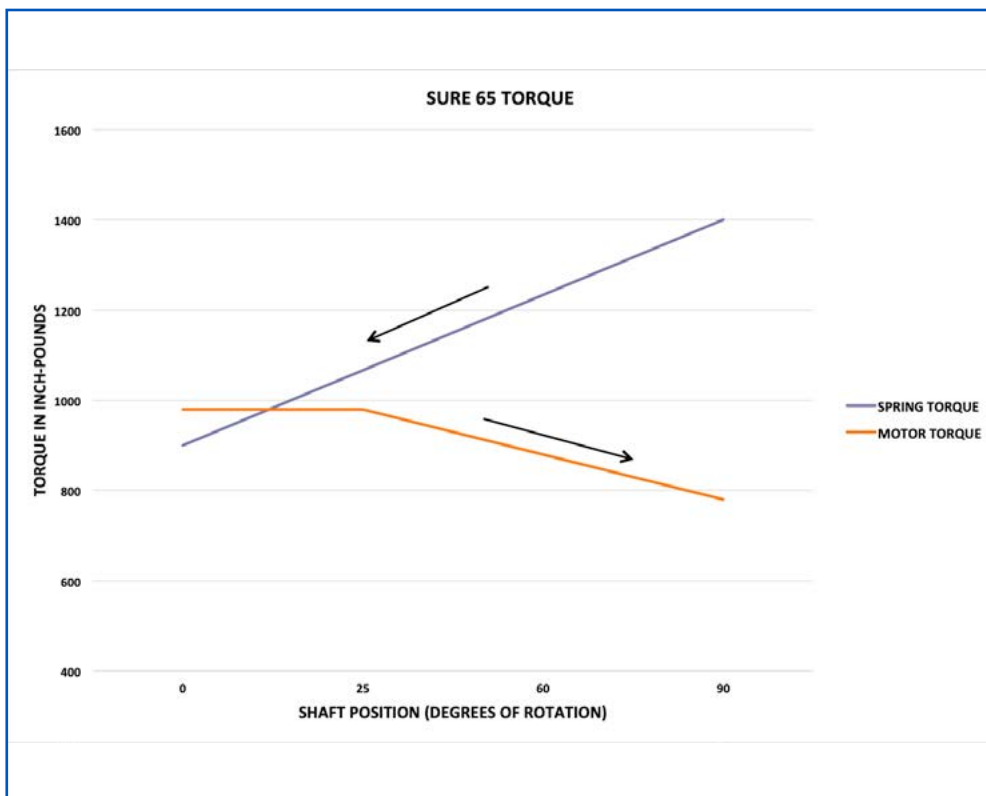
RCS Actuators, a division of Dresser Natural Gas Solutions, is pleased to introduce the latest expansion to the SurePowr™ Spring-Return electric actuator product line:

- The Sure 65 Series Spring Return electric actuator, with an output torque of 780 inch-pounds (88 NM) and is available in either clockwise or counter-clockwise spring return on loss of power.
- ISO 5211 mounting configuration allows for direct installation without the need for mounting and adaptation hardware.
- Integral travel stops are provided for precise mechanical limitation of travel in the spring fail position.
- The enclosure is suitable for installation in NEMA 4X and NEMA 6 environments (IP 66 and IP 67)
- Actuator is CSA certified for NEMA 7 and NEMA 9 hazardous environments (Class I, Division 1, Groups C & D, and Class II, Division 1, Groups E, F, and G) and CSA Zone 1.
- ATEX and IECEx certifications are pending.
- The standard units are suitable for use in ambient temperatures ranging from -40°F to +150°F (-40°C to +65°C).
- The powder-coated enclosure and stainless steel external hardware provides maximum corrosion resistance in the most challenging environments. Optional coatings are available for offshore or other severe conditions.
- The integral power spring is coated for corrosion resistance and will provide reliable spring movement in case of primary power loss.
- A high-visibility indicator is provided as standard for ease of visual position monitoring.
- A thermally protected motor with Class "B" insulation is standard in all models, and is available in 120 and 240 VAC, 50/60 hertz.
- Precision gears are machined from high strength alloy steel, and heat treated for maximum strength and durability. The permanently lubricated gear train eliminates the need for periodic maintenance and upkeep.
- Standard features include end of travel limit switches, 2 additional SPDT dry contact auxiliary switches, thermostat-controlled heater, and a motor brake for optimal performance.
- Accessories such as analog and digital control modules, interposing relays, and potentiometers are available to tailor the units to specific process requirements.
- The Sure 65 complies with the requirements of NFPA 130 & NFPA 502 for service in elevated temperatures of 482° F (250°C) for a minimum of one hour.
- Pending: Optional integral declutchable manual override with electrical interlock.

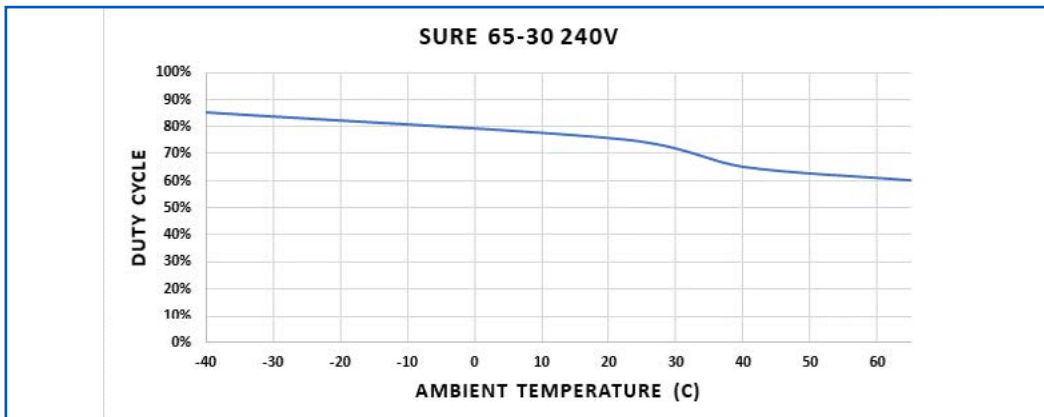
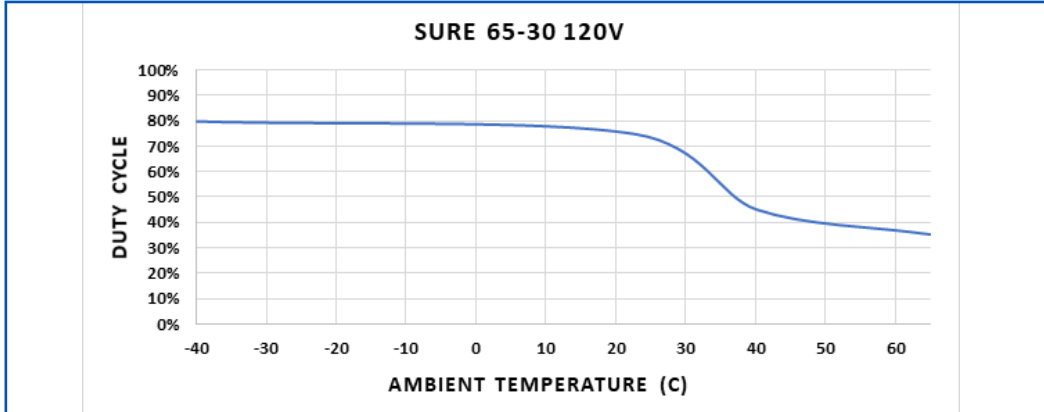
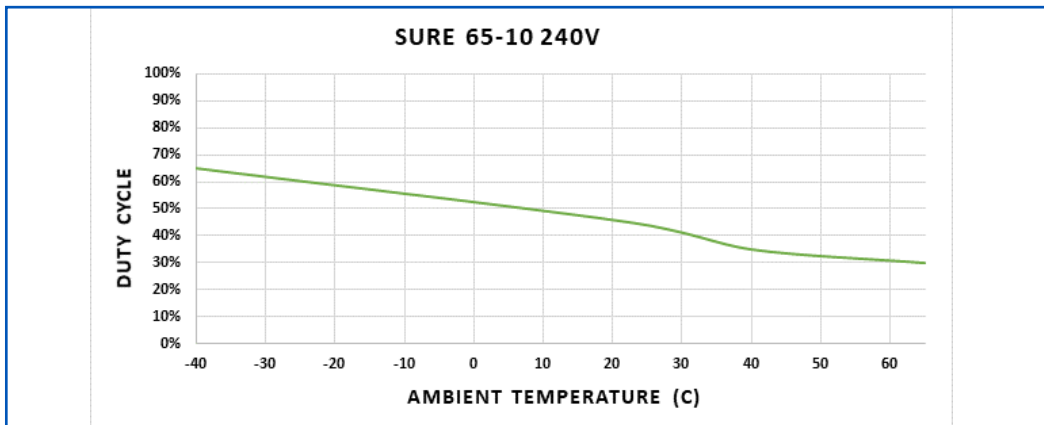
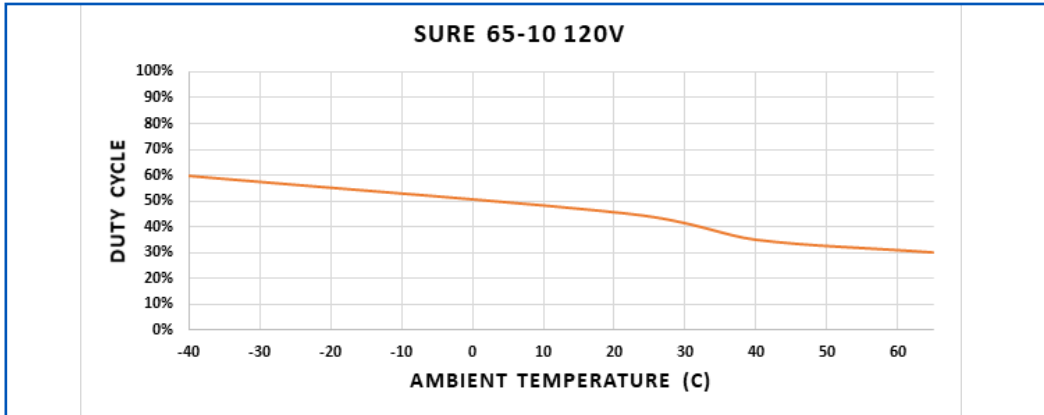


Model	Input Voltage 1-Phase, 50/60 Hz.	Output Torque	Electrical Speed of Operation 90° Revolution	Spring Speed of Operation 90° Revolution~	Duty Cycle Rating ** (22.5° C)	Current Rating		
						N.L.A.	F.L.A.	L.R.A.
Sure 65-10	120 VAC	780 lb. in (88 N-m)	10 Seconds	3 Seconds	45%	1.10 A	1.60 A	1.90 A
Sure 65-10	240 VAC	780 lb. in (88 N-m)	10 Seconds	3 Seconds	45%	0.80 A	0.85 A	0.98 A
Sure 65-30	120 VAC	780 lb. in (88 N-m)	30 Seconds	7 Seconds	75%	0.52 A	0.64 A	0.89 A
Sure 65-30	240 VAC	780 lb. in (88 N-m)	30 Seconds	7 Seconds	75%	0.27 A	0.32 A	0.44 A

(F.L.A.) – Full Load Ampere (N.L.A.) - No Load Ampere (L.R.A.) - Locked Rotor Ampere ~ Approximate, Based on Load -
Weight Without Manual Override [Lb / Kg] - 75/34



Sure 65 Duty Cycle Ratings

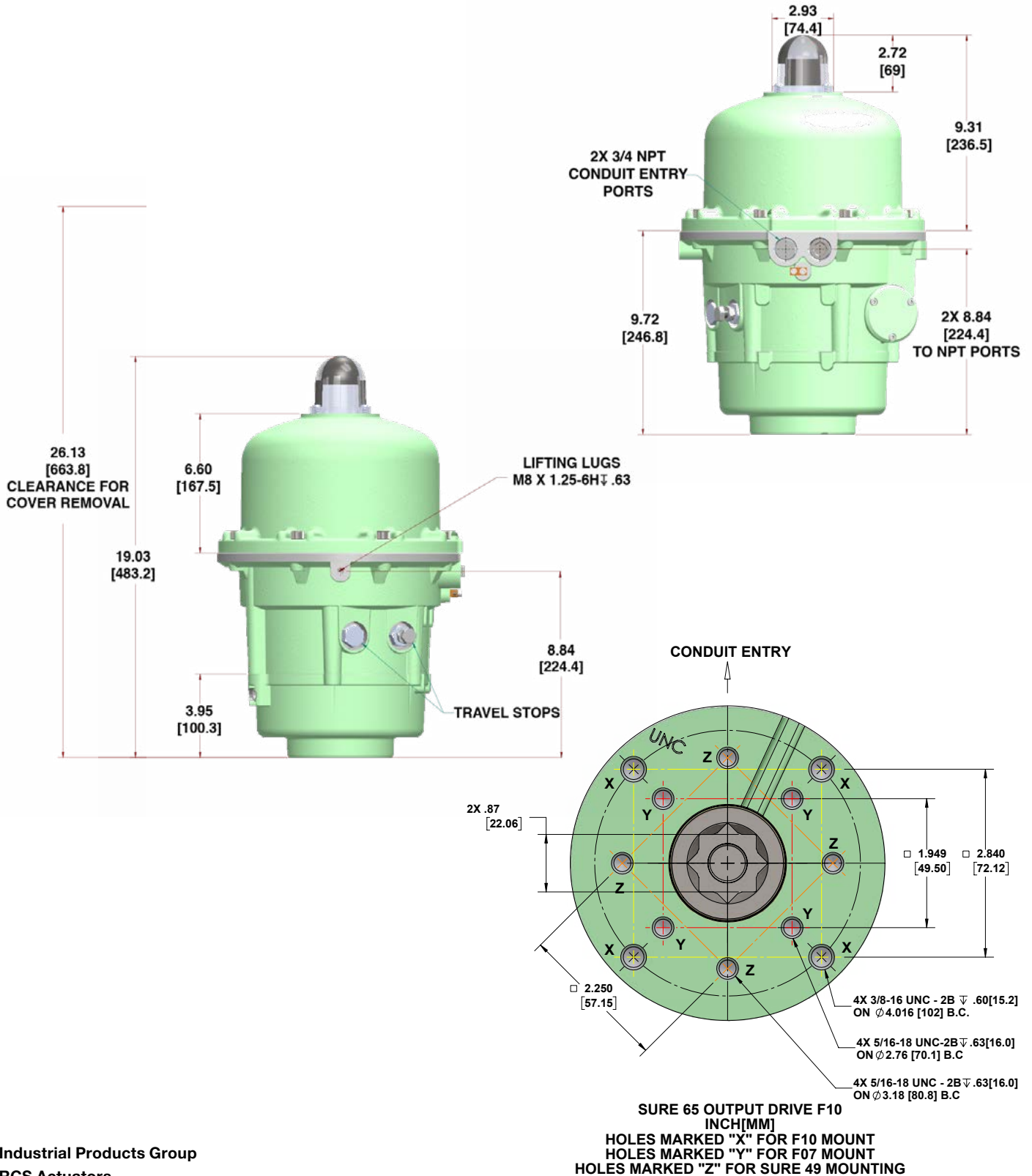


** 120VAC Actuators Certified Duty Cycle Rating is -40°C To +40°C is 25% and +40°C to +65°C is 20% per UL429, 7th Ed., Clause 27

** 240VAC Actuators Certified Duty Cycle Rating is -40°C To +40°C is 30% and +40°C to +65°C is 20% per UL429, 7th Ed., Clause 27

Actuator Outline Dimensions

ALL DIMENSIONS ARE IN INCHES [MM]



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