

SR & SX SERIES DEEP BASE

200 & 300 IN-LBS, NEMA 4

The SR & SX rotary electric actuators were designed for applications within 200 & 300 in-lbs of torque used in general purpose locations when more space is needed inside the enclosure for optional equipment such as analog (4-20mA and 0-10Vdc) control, timers or speed control.



SPECIFICATIONS:

TORQUE SR 200 In-Lb (22.6 Nm)
SX 300 In-Lb (33.9 Nm)

CYCLE TIME 5 Sec./90 12Vdc, 24Vdc, 24Vac, 115Vac & 230Vac
9 Sec./90 24Vdc (alternative)
10 Sec./90 115Vac extended duty motor (75%)

DUTY CYCLE 25% standard on 115Vac and 230Vac
75% optional on 115Vac extended duty motor
100% standard on 12Vdc, 24Vdc and 24Vac

MOTOR Permanent split capacitor (for AC) with thermal overload protection

CURRENT RATINGS FL= Full Load, LR= Lock Rotor

115VAC (Std.)		24VAC		24VDC		12VDC		208VAC/1PH/60HZ		230VAC/1PH/60HZ	
FL	LR	FL	LR	FL	LR	FL	LR	FL	LR	FL	LR
0.38	0.75	0.70	3.20	0.70	3.20	1.30	4.20	0.28	0.35	0.25	0.35

The motor's LR amps must be taken into account when sizing the input power supply and fuses. Slow blow fuses are recommended

CERTIFICATIONS None - General Purpose Actuators
Designed to meet NEMA 4 Standards with optional NEMA enclosure types 4X

COATING Thermally bonded polyester powder

INDICATOR Visual Optional (not available with modulating option)
Electric Feedback from limit switches, same as operating voltage

SWITCHES Snap action SPDT, 15A @ 250Vac

LUBRICATION Grease Permanent, little or no maintenance required

WEIGHT 14 lb (6.35 kg)

MOUNTING Universal

MOUNTING PAD ISO 5211 F03, F05 & F07 with 14mm star drive

TEMPERATURE -40F (-40C) to 150F (65.6C), heater & thermostat required 0F and below
Optional double heater for application down to -76F (-60C)



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VERRIDE

Manual, non-declutching optional
 Declutching manual override optional
 DC voltage and 75% duty cycle motor must be declutching
 Not available with modulating option

TECHNICAL DRAWING:

