



Electric

Spring Return Actuators



SRX Series

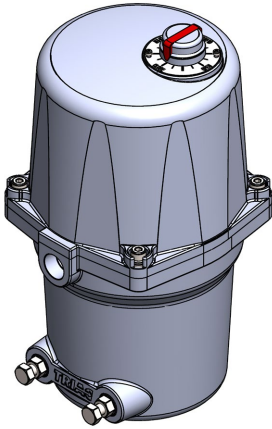
Electric Spring Return Actuators

Mechanical Spring Torques up to 3200 In-Lbs

SRX-0300

SRX-0300 Standard Specifications

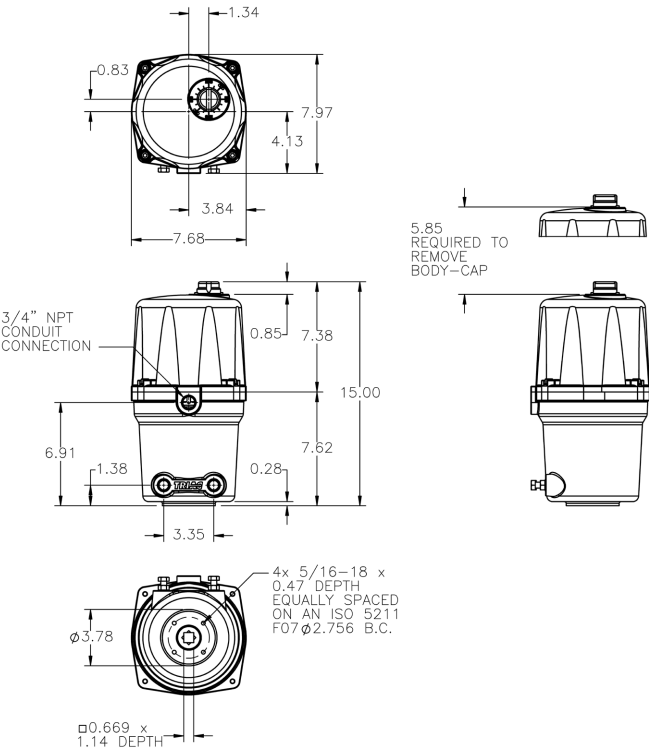
Power Supply:	110-120/220-240 VAC 1PH, 50/60 Hz
Motor:	110-120/220-240 VAC 50/60 Hz 40W CLASS F
Limit Switches:	11A 1/3HP @125/250/277VAC 1/2A 125VDC, 1 1/4A 250VDC
Stall Protection:	Built in thermal protection
Travel Angle:	0 to 90° ± 10°
Indicator:	Continuous position indicator
Space Heater:	10W Anti-Condensation
Cable Conduit:	3/4" NPT
Lubrication:	Grease synthetic
Terminal	Spring loaded lever push type
Materials:	Carbon steel, alloy steel, spring steel, stainless steel, aluminum alloy, NBR, ABS and polycarbonate plastic
Ambient Temp.	-40°C (-40°F) to 60°C (140°F)
External	Powder coating



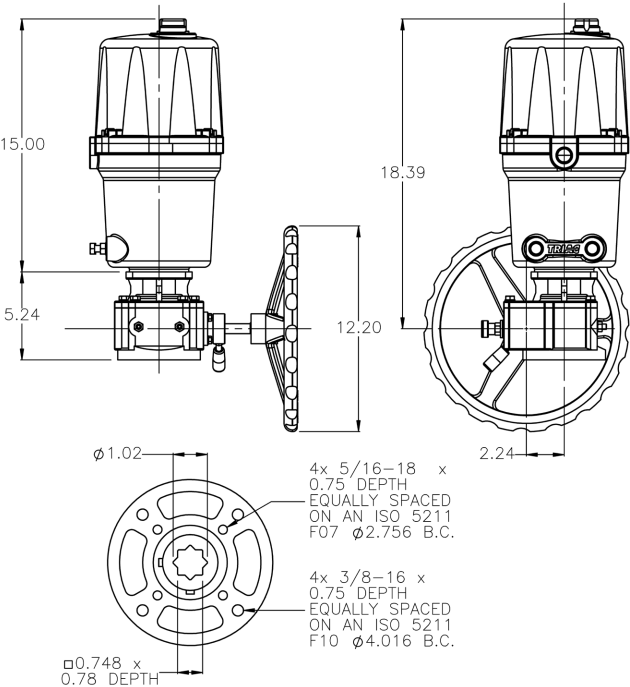
Spring End Torque	90° Cycle Time¹	Spring Fail Time¹	Motor Size		Full Load Amps			Duty Cycle	Weight	
			Watts		DC	AC			Standard	w/ Manual Override
In-Lbs	Seconds	Seconds	DC	AC	24V	110V	220V	%	Lbs.	Lbs.
300	10	2	N/A	40	N/A	1.80	1.20	50	32	72

¹ Cycle and Spring Fail Times are under no load conditions.

Standard:

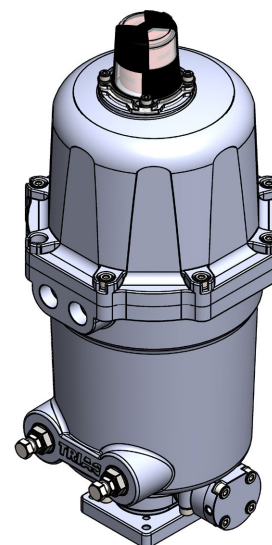


With Manual Override:



SRX-0600 Standard Specifications

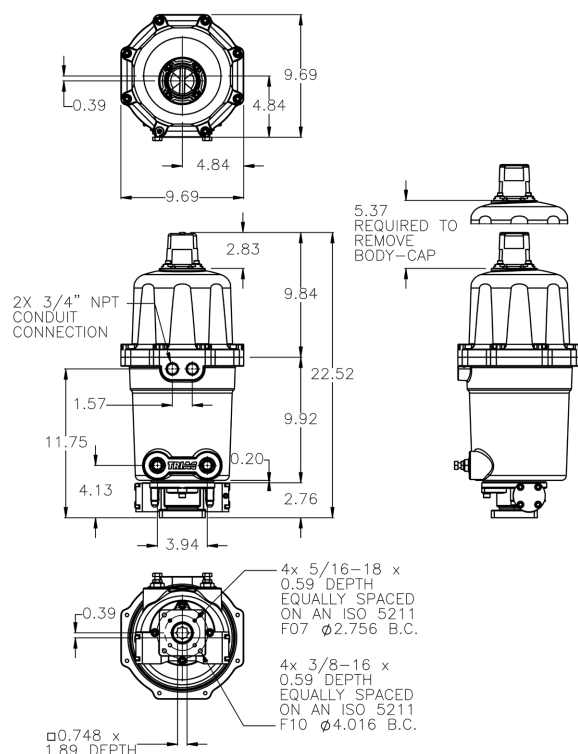
Power Supply:	24 VDC, 110-120/220-240 VAC 1PH, 50/60 Hz
Motor:	24 VDC 100W 110-120/220-240 VAC 50/60 Hz 40W CLASS F
Limit Switches:	11A 1/3HP @125/250/277VAC 1/2A 125VDC, 1 1/4A 250VDC
Stall Protection:	Built in thermal protection
Travel Angle:	0 to 90° ± 10°
Indicator:	Continuous position indicator
Space Heater:	10W Anti-Condensation
Cable Conduit:	(2) 3/4" NPT
Lubrication:	Grease synthetic
Terminal	Spring loaded lever push type
Materials:	Carbon steel, alloy steel, spring steel, stainless steel, aluminum alloy, NBR, ABS and polycarbonate plastic
Ambient Temp.	-40°C (-40°F) to 60°C (140°F)
External	Powder coating



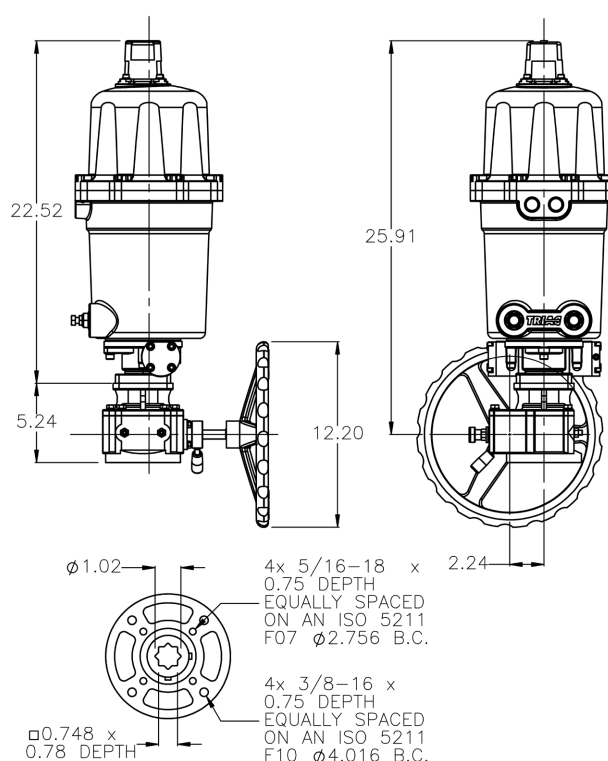
Spring End Torque	90° Cycle Time¹	Spring Fail Time¹	Motor Size		Full Load Amps			Duty Cycle	Weight	
			Watts		DC	AC			Standard	w/ Manual Override
			In-Lbs	Seconds	Seconds	DC	AC		24V	110V
600	30	2	100	40	6.0	1.0	0.75	50	62	102

¹ Cycle and Spring Fail Times are under no load conditions.

Standard:



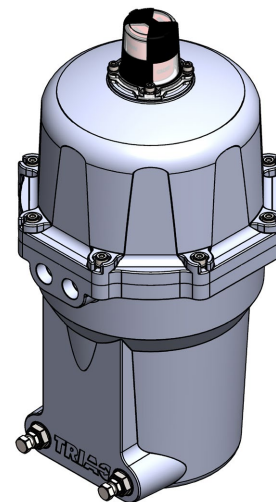
With Manual Override:



SRX-1200

SRX-1200 Standard Specifications

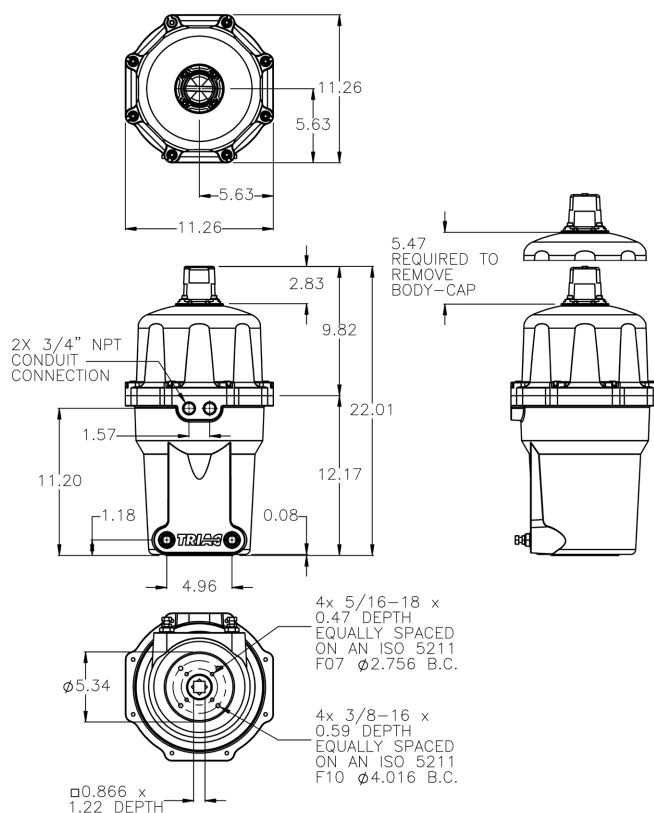
Power Supply:	110-120/220-240 VAC 1PH, 50/60 Hz
Motor:	110-120/220-240 VAC 50/60 Hz 40W CLASS F
Limit Switches:	11A 1/3HP @125/250/277VAC 1/2A 125VDC, 1 1/4A 250VDC
Stall Protection:	Built in thermal protection
Travel Angle:	0 to 90° ± 10°
Indicator:	Continuous position indicator
Space Heater:	10W Anti-Condensation
Cable Conduit:	(2) 3/4" NPT
Lubrication:	Grease synthetic
Terminal	Spring loaded lever push type
Materials:	Carbon steel, alloy steel, spring steel, stainless steel, aluminum alloy, NBR, ABS and polycarbonate plastic
Ambient Temp.	-40°C (-40°F) to 60°C (140°F)
External	Powder coating



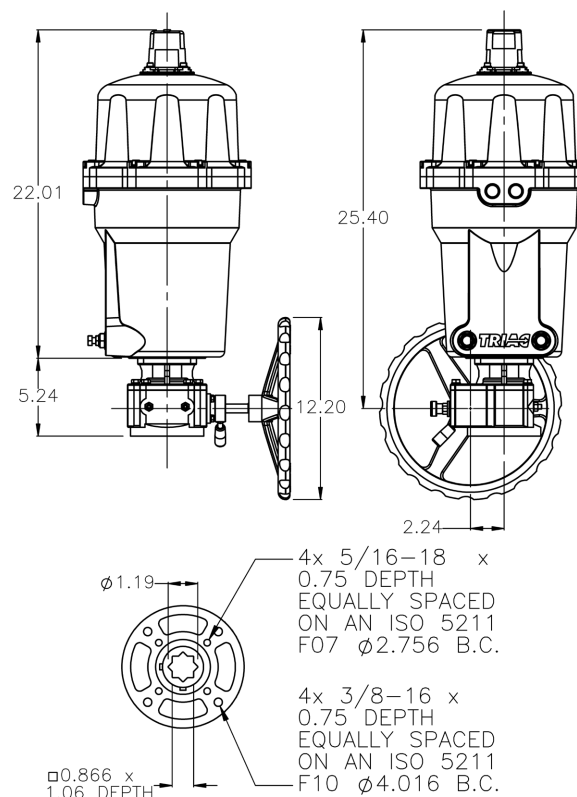
Spring End Torque	90° Cycle Time¹	Spring Fail Time¹	Motor Size		Full Load Amps			Duty Cycle	Weight	
			Watts		DC	AC			Standard	w/ Manual Override
			DC	AC		24V	110V			
In-Lbs	Seconds	Seconds	DC	AC	24V	110V	220V	%	Lbs.	Lbs.
1200	30	7	N/A	40	N/A	1.50	0.75	50	80	120

¹ Cycle and Spring Fail Times are under no load conditions.

Standard:

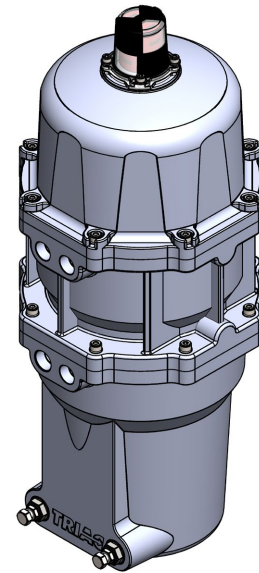


With Manual Override:



SRX-1800 Standard Specifications

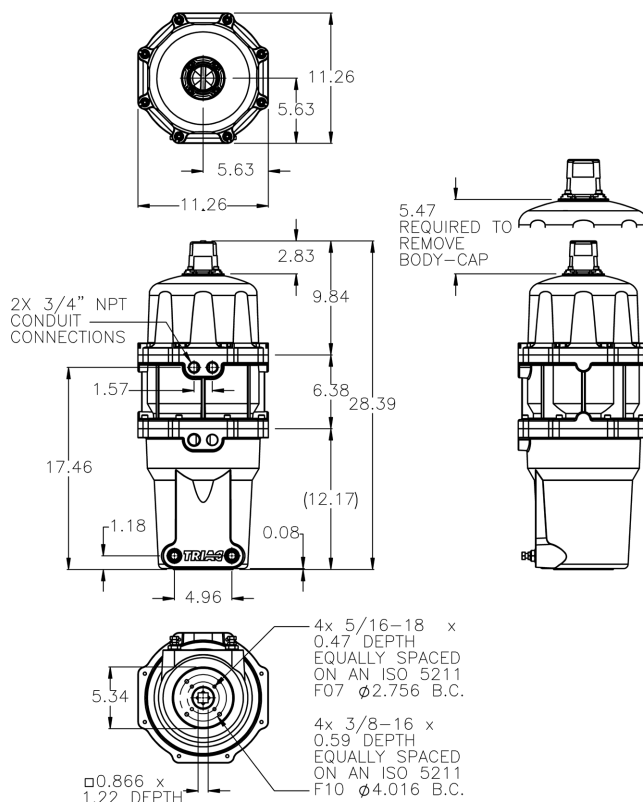
Power Supply:	110-120/220-240 VAC 1PH, 50/60 Hz
Motor:	110-120/220-240 VAC 50/60 Hz 40W CLASS F
Limit Switches:	11A 1/3HP @125/250/277VAC 1/2A 125VDC, 1 1/4A 250VDC
Stall Protection:	Built in thermal protection
Travel Angle:	0 to 90° ± 10°
Indicator:	Continuous position indicator
Space Heater:	10W Anti-Condensation
Cable Conduit:	(2) 3/4" NPT
Lubrication:	Grease synthetic
Terminal	Spring loaded lever push type
Materials:	Carbon steel, alloy steel, spring steel, stainless steel, aluminum alloy, NBR, ABS and polycarbonate plastic
Ambient Temp.	-40°C (-40°F) to 60°C (140°F)
External	Powder coating



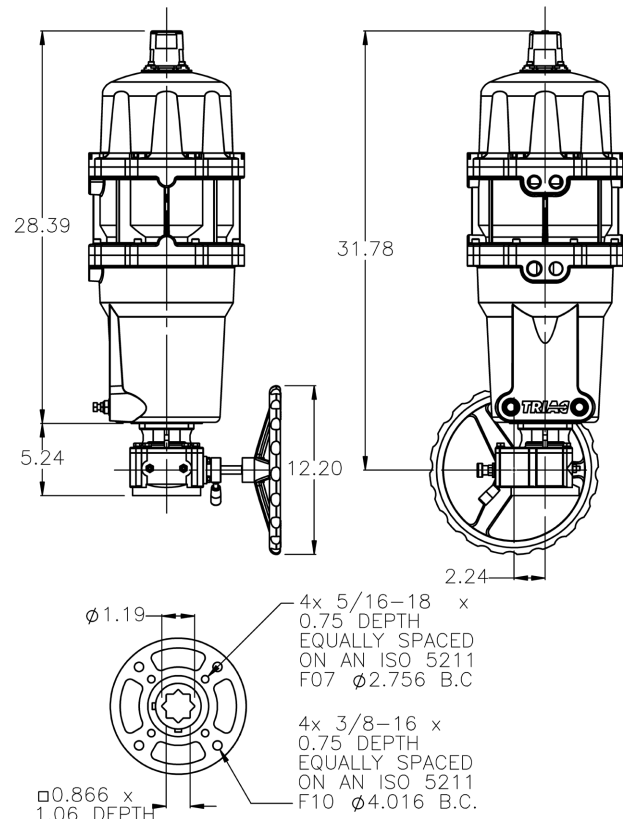
Spring End Torque	90° Cycle Time¹	Spring Fail Time¹	Motor Size		Full Load Amps			Duty Cycle	Weight	
			Watts		DC	AC			Standard	w/ Manual Override
In-Lbs	Seconds	Seconds	DC	AC	24V	110V	220V	%	Lbs.	Lbs.
1800	30	7	N/A	40	N/A	1.50	0.75	50	120	160

¹ Cycle and Spring Fail Times are under no load conditions.

Standard:



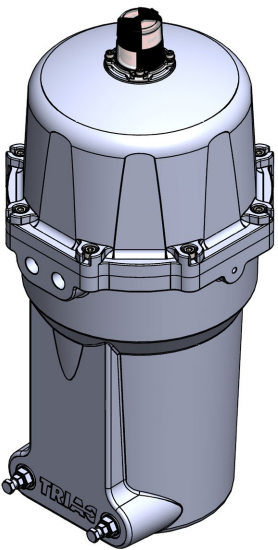
With Manual Override:



SRX-3200

SRX-3200 Standard Specifications

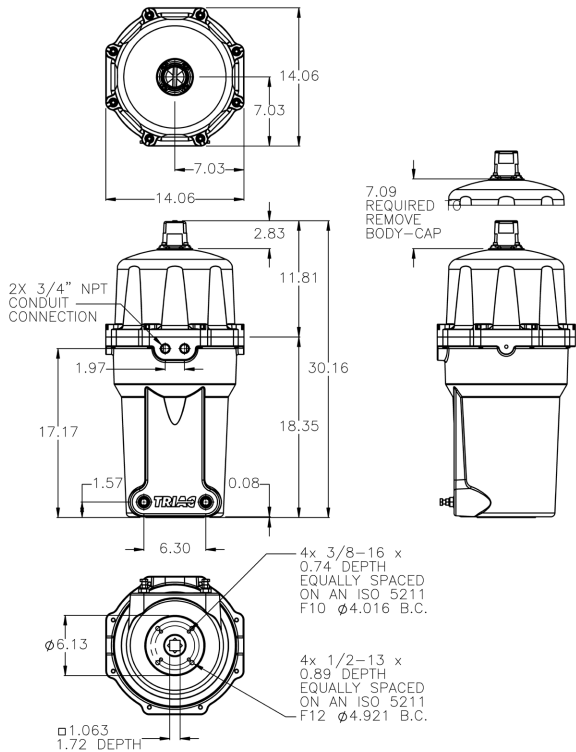
Power Supply:	24 VDC, 110-120/220-240 VAC 1PH, 50/60 Hz
Motor:	24 VDC 100W 110-120/220-240 VAC 50/60 Hz 150W CLASS F
Limit Switches:	11A 1/3HP @125/250/277VAC 1/2A 125VDC, 1 1/4A 250VDC
Stall Protection:	Built in thermal protection
Travel Angle:	0 to 90° ± 10°
Indicator:	Continuous position indicator
Space Heater:	10W Anti-Condensation
Cable Conduit:	(2) 3/4" NPT
Lubrication:	Grease synthetic
Terminal	Spring loaded lever push type
Materials:	Carbon steel, alloy steel, spring steel, stainless steel, aluminum alloy, NBR, ABS and polycarbonate plastic
Ambient Temp.	-40°C (-40°F) to 60°C (140°F)
External	Powder coating



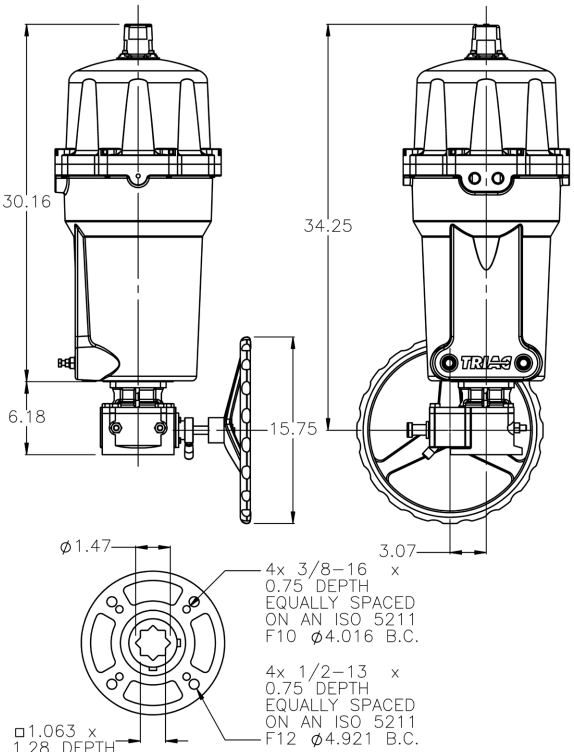
Spring End Torque	90° Cycle Time¹	Spring Fail Time¹	Motor Size		Full Load Amps			Duty Cycle	Weight	
			Watts		DC	AC			Standard	w/ Manual Override
In-Lbs	Seconds	Seconds	DC	AC	24V	110V	220V	%	Lbs.	Lbs.
3200	30	2	100	150	9.0	3.75	2.5	50	215	281

¹ Cycle and Spring Fail Times are under no load conditions.

Standard:



With Manual Override:



Electric Spring Return Actuators

SRX Series

How to Order

SRX Electric Actuators

1 Model	
SRX	Explosion Proof, Class I, Division I, Groups C & D, T6 Design Type 4, 4X, IP 66 & 67

2 Main Control	
Blank	(2) Position Control (Open / Close)
M	Standard Modulating Control Card with Transmitter
E	Ethernet/IP (go to 3)
P	Profibus DP (go to 3)
R	Modbus RTU Single Channel (go to 3)
T	Modbus/TCP (go to 3)
U	Modbus RTU Dual Channel Isolated (go to 3)

3 Main Control Type (with Communication Option)	
Blank	No Communication Control Type
A	Communication Control, Proportional Control/Feedback
B	Communication Control, (2) Position Control (Open/Close)

4 Actuator Sizes	
0300	300 In-Lbs
0600	600 In-Lbs
1200	1200 In-Lbs
1800	1800 In-Lbs
3200	3200 In-Lbs

5 Motor	
X	110VAC / 1Phase
C	24VDC
E	On/Off SRX-0600 & SRX-3200 models only
	Modulating SRX-0600 models only
	220VAC / 1Phase

6 Miscellaneous Options 1	
X	Multiple Option Designation

7 Miscellaneous Options 2	
X	Multiple Option Designation
T	0-10VDC / 4-20mA Transmitter (2 Position Only)
N	1000 Ohm Potentiometer (2 Position Only)
O	5000 Ohm Potentiometer (2 Position Only)
P	10K Ohm Potentiometer (2 Position Only)

8 Fail Direction	
FC	Fail Close / Clockwise
FO	Fail Open / Counter-Clockwise

HOW TO ORDER ELECTRIC ACTUATORS									
1	2	3	-	4	5	6	7	-	8
↓	↓	↓		↓	↓	↓	↓		↓
SRX	M	_		-1200	X	X	X		-FC



CSA Certified SRX Electric Actuators

1 Model	
SRX	Spring Return Electric

2 Actuator Size	
0300	300 In-Lbs
1200	1200 In-Lbs
1800	1800 In-Lbs
3200	3200 In-Lbs

3 Motor	
X	110VAC / 1 Phase
B	220VAC / 1 Phase

4 Miscellaneous Options 1	
X	Multiple Option Designation

5 Miscellaneous Options 2	
X	Multiple Option Designation
T	0-10VDC / 4-20mA Transmitter (2 Position Only)
N	1000 Ohm Potentiometer (2 Position Only)
O	5000 Ohm Potentiometer (2 Position Only)
P	10K Ohm Potentiometer (2 Position Only)

6 Fail Direction	
FC	Fail Close / Clockwise
FO	Fail Open / Counter-Clockwise

7 Certification	
C	CSA CERTIFIED Class I Divisions 1 and 2, Group C and D, T6 Ex db IIB T6 Gb Class I, Zone 1, Aex db IIB T6 Gb

HOW TO ORDER ELECTRIC ACTUATORS									
1	-	2	3	4	5	-	6	-	7
↓		↓	↓	↓	↓		↓		↓
SRX	-	1200	X	X	X	-	FC	-	C



Electric Spring Return Actuators

