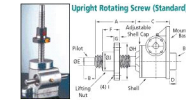




MBA

Actuators - Screw - Rotating - Screwjack - Size 10 and 14



Upright Rotating Screw (Standard)

Performance
 Features: Precise Positioning, Self Locking, Uniform Lifting Speed, Quick, Sure Operation
 Max. Lift Cap. 50N (SJR10), 100N (SJR14)
 Lifting Screw* - Dia / Pitch (mm) 16 / 3 (SJR10), 20 / 5 (SJR14)
 Worm Gear Ratio - Standard / Optional: 5 : 1 / 20 : 1
 Turning of Worm for Raise of Lifting Screw - 5 : 1 Ratio: 5 for 3mm (SJR10), 1 for 1mm (SJR14)
 Turning of Worm for Raise of Lifting Screw - 20 : 1 Ratio: 20 for 3mm (SJR10), 4 for 1mm (SJR14)
 Max. Input Power per Actuator - 5 : 1 Ratio: 0.25kW (SJR10), 0.375kW (SJR14)
 Max. Input Power per Actuator - 20 : 1 Ratio: 0.12kW (SJR10), 0.18kW (SJR14)
 Start-Up Torque at Full Load** - 5 : 1 Ratio: 2.9Nm (SJR10), 4.0Nm (SJR14)
 Start-Up Torque at Full Load** - 20 : 1 Ratio: 1.1Nm (SJR10), 3.0Nm (SJR14)
 Weight with Base Raise of 150mm: 1.03kg (SJR10), 2.27kg (SJR14)
 Weight for Each Additional 25mm Raise: 0.073kg (SJR10), 0.13kg (SJR14)
 Actuator Static Efficiency - Standard / Optional: 0.189 / 0.107 (SJR10), 0.233 / 0.130 (SJR14)
 Actuator Dynamic Efficiency - Standard / Optional: 0.252 / 0.150 (SJR10), 0.306 / 0.194 (SJR14)
 *All metric machine screws have a trapezoidal thread form, single start as standard.
 **For loads of 25% to 100% of actuator capacity, torque requirements are approx. proportional to the load.

Precision linear adjustment.

Body: Aluminium.

Worm and Screw: Steel.

Nut: Bronze.

Actuators - Screw - Rotating - Screwjack - Size 10 and 14

Part Number	Ratio	Length from Base to Screw Top mm	Base Height (C) mm	Shaft Diameter (E) mm	Lifting Nut Height (F) mm	Lifting Nut Flange Height (G) mm	Flange Diameter (H) mm	Lifting Nut Diameter (J) mm	Type
		<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	
# SJR10-5-INV	5 : 1	Raise + 40	64.0 <i>2.520</i>	10.0 <i>0.394</i>	25.0 <i>0.984</i>	10 <i>0.394</i>	60 <i>2.362</i>	25 <i>0.984</i>	Inverted
# SJR10-5	5 : 1	Raise + 40	64.0 <i>2.520</i>	10.0 <i>0.394</i>	25.0 <i>0.984</i>	10 <i>0.394</i>	60 <i>2.362</i>	25 <i>0.984</i>	Upright
# SJR14-5-INV	5 : 1	Raise + 44	90.0 <i>3.543</i>	12.0 <i>0.472</i>	35.0 <i>1.378</i>	12 <i>0.472</i>	80 <i>3.150</i>	35 <i>1.378</i>	Inverted
# SJR14-5	5 : 1	Raise + 44	90.0 <i>3.543</i>	12.0 <i>0.472</i>	35.0 <i>1.378</i>	12 <i>0.472</i>	80 <i>3.150</i>	35 <i>1.378</i>	Upright

Indicates item not stocked at time of printing - Please enquire for lead time

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Actuators - Screw - Rotating - Screwjack - Size 10 and 14

Part Number	Ratio	Length from Base to Screw Top mm	Base Height (C) mm	Shaft Diameter (E) mm	Lifting Nut Height (F) mm	Lifting Nut Flange Height (G) mm	Flange Diameter (H) mm	Lifting Nut Diameter (J) mm	Type
		<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	
# SJR10-20-INV	20 : 1	Raise + 40	64.0 <i>2.520</i>	10.0 <i>0.394</i>	25.0 <i>0.984</i>	10 <i>0.394</i>	60 <i>2.362</i>	25 <i>0.984</i>	Inverted
# SJR10-20	20 : 1	Raise + 40	64.0 <i>2.520</i>	10.0 <i>0.394</i>	25.0 <i>0.984</i>	10 <i>0.394</i>	60 <i>2.362</i>	25 <i>0.984</i>	Upright
# SJR14-20-INV	20 : 1	Raise + 44	90.0 <i>3.543</i>	12.0 <i>0.472</i>	35.0 <i>1.378</i>	12 <i>0.472</i>	80 <i>3.150</i>	35 <i>1.378</i>	Inverted
# SJR14-20	20 : 1	Raise + 44	90.0 <i>3.543</i>	12.0 <i>0.472</i>	35.0 <i>1.378</i>	12 <i>0.472</i>	80 <i>3.150</i>	35 <i>1.378</i>	Upright

Indicates item not stocked at time of printing - Please enquire for lead time

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