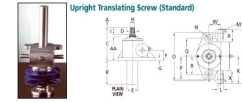




MBA

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



Performance
 Features: Precise Positioning, Self Locking, Uniform Lifting Speed, Quick, Sure Operation
 Max. Lift Cap: 5kN (SJT10), 10kN (SJT14)
 Lifting Screw: Dia. / Pitch (mm): 10 / 3 (SJT10), 20 / 5 (SJT14)
 Worm Gear Ratios - Standard / Optional: 5 : 1 / 20 : 1
 Turning of Worm for Raise of Lifting Screw - 20 : 1 Ratio: 5 for 3mm (SJT10), 1 for 1mm (SJT14)
 Turning of Worm for Lower of Lifting Screw - 20 : 1 Ratio: 20 for 3mm (SJT10), 4 for 1mm (SJT14)
 Max. Input Power per Actuator - 5 : 1 Ratio: 0.25kW (SJT10), 0.375kW (SJT14)
 Max. Input Power per Actuator - 20 : 1 Ratio: 0.12kW (SJT10), 0.18kW (SJT14)
 Start-Up Torque at Full Load** - 5 : 1 Ratio: 2.5Nm (SJT10), 0.8Nm (SJT14)
 Start-Up Torque at Full Load** - 20 : 1 Ratio: 1.1Nm (SJT10), 0.35Nm (SJT14)
 Weight with Base Raise of 150mm: 1.03kg (SJT10), 2.27kg (SJT14)
 Weight for Each Additional 20mm Raise: 0.07kg (SJT10), 0.13kg (SJT14)
 Actuator Static Efficiency - Standard / Optional: 0.189 / 0.107 (SJT10), 0.233 / 0.130 (SJT14)
 Actuator Dynamic Efficiency - Standard / Optional: 0.252 / 0.160 (SJT10), 0.308 / 0.194 (SJT14)
 *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 - Translating - Screwjack - Size 10 and 14

Part Number	Ratio	Max Screw Length mm	Base Height (C) mm	Screw Length mm	Pipe Diameter (E) mm	Screw Size / Keyway mm	Shaft Length mm	Shaft Diameter (L) mm	Type
		<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	
# SJT10-5-INV	5 : 1	100.0	95.0	40.0	26.7	M10x1.5 / 3x3x19	120	10 h6	Inverted
		<i>3.937</i>	<i>3.740</i>	<i>1.575</i>	<i>1.051</i>		<i>4.724</i>		
# SJT10-5	5 : 1	100.0	95.0	20.0	26.7	M10x1.5 / 3x3x19	120	10 h6	Upright
		<i>3.937</i>	<i>3.740</i>	<i>0.787</i>	<i>1.051</i>		<i>4.724</i>		
# SJT14-5-INV	5 : 1	100.0	125.0	45.0	33.4	M12x1.75 / 5x5x25	150	14 h6	Inverted
		<i>3.937</i>	<i>4.921</i>	<i>1.772</i>	<i>1.315</i>		<i>5.906</i>		

Indicates item not stocked at time of printing - Please enquire for lead time
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Actuators - Screw - Translating - Screwjack - Size 10 and 14

Part Number	Ratio	Max Screw Length mm	Base Height (C) mm	Screw Length mm	Pipe Diameter (E) mm	Screw Size / Keyway mm	Shaft Length mm	Shaft Diameter (L) mm	Type
		<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	
# SJT14-5	5 : 1	100.0	125.0	24.0	33.4	M12x1.75 / 5x5x25	150	14 h6	Upright
		<i>3.937</i>	<i>4.921</i>	<i>0.945</i>	<i>1.315</i>		<i>5.906</i>		
# SJT10-20-INV	20 : 1	100.0	95.0	40.0	26.7	M10x1.5 / 3x3x18	120	10 h6	Inverted
		<i>3.937</i>	<i>3.740</i>	<i>1.575</i>	<i>1.051</i>		<i>4.724</i>		
# SJT10-20	20 : 1	100.0	95.0	20.0	26.7	M10x1.5 / 3x3x18	120	10 h6	Upright
		<i>3.937</i>	<i>3.740</i>	<i>0.787</i>	<i>1.051</i>		<i>4.724</i>		
# SJT14-20-INV	20 : 1	100.0	125.0	45.0	33.4	M12x1.75 / 5x5x25	150	14 h6	Inverted
		<i>3.937</i>	<i>4.921</i>	<i>1.772</i>	<i>1.315</i>		<i>5.906</i>		
# SJT14-20	20 : 1	100.0	125.0	24.0	33.4	M12x1.75 / 5x5x25	150	14 h6	Upright
		<i>3.937</i>	<i>4.921</i>	<i>0.945</i>	<i>1.315</i>		<i>5.906</i>		

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