



MBA

Actuators - Screw - Rotating - Screwjack - Size 25

Precision linear adjustment

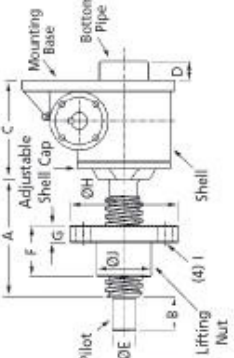
Body: Aluminium

Worm & Screw: Steel

Nut: Bronze



Upright Rotating Screw (Standard)



Performance

Features: Precise Positioning, Self Locking, Uniform Lifting Speed, Quick, Sure Operation

Max. Lift Cap.: 100kN

Lifting Screw* - Dia. / Pitch (mm): 55 / 12

Worm Gear Ratios - Standard / Optional: 8:1 / 24:1

Turning of Worm for Raise of Lifting Screw - 8:1 Ratio: 1 for 1.5mm

Turning of Worm for Raise of Lifting Screw - 24:1 Ratio: 2 for 1mm

Max. Input Power per Actuator - 8:1 Ratio: 3.75kW

Max. Input Power per Actuator - 24:1 Ratio: 1.125kW

Start-Up Torque at Full Load** - 8:1 Ratio: 115.9Nm

Start-Up Torque at Full Load** - 24:1 Ratio: 60.5Nm

Weight with Base Raise of 150mm: 24.72kg

Weight for Each Additional 25mm Raise: 0.57kg

Actuator Static Efficiency - Standard / Optional: 0.206 / 0.272

Actuator Dynamic Efficiency - Standard / Optional: 0.132 / 0.190

*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

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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
# SJR25-8-INV	8 : 1	Raise + 100	146.5	35.0	75.0	25	160	80	Inverted
# SJR25-8	8 : 1	Raise + 100	146.5	35.0	75.0	25	160	80	Upright
# SJR25-24-INV	24 : 1	Raise + 100	146.5	35.0	75.0	25	160	80	Inverted
# SJR25-24	24 : 1	Raise + 100	146.5	35.0	75.0	25	160	80	Upright

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MBA Size Listings are a guide to sizes only and must not be solely relied on for critical design information.

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