

PAX-1500B



Introduction :

*The **PAX-1500B** Industrial Linear Actuator is a high-performance solution engineered for demanding applications like solar tracking and industrial automation. Featuring a robust DC permanent magnet motor and a waterproof, compact design, it ensures reliable motion control and durability in harsh environments.*



Key Feature :

- *Compact Motor Design: Durable DC permanent magnet motor in a space-saving build.*
- *High-Speed Motion: Travel speeds up to 38mm/s for fast operation.*
- *Custom Stroke Lengths: Stroke range from 50mm to 1000mm, customizable.*
- *Strong Load Capacity: Supports 3200N to 12000N loads, with custom options.*
- *Accurate Feedback: Optional Hall sensor or potentiometer for precise control.*
- *Built-in Safety Features: Integrated clutch and limit switch in a single-axis design.*
- *Overload Protection: Prevents damage during high-stress operation.*
- *Corrosion-Resistant Build: Low-maintenance design with anti-corrosion materials.*
- *Stainless Steel Shaft: Strong, smooth operation with overcurrent protection.*

Applications :

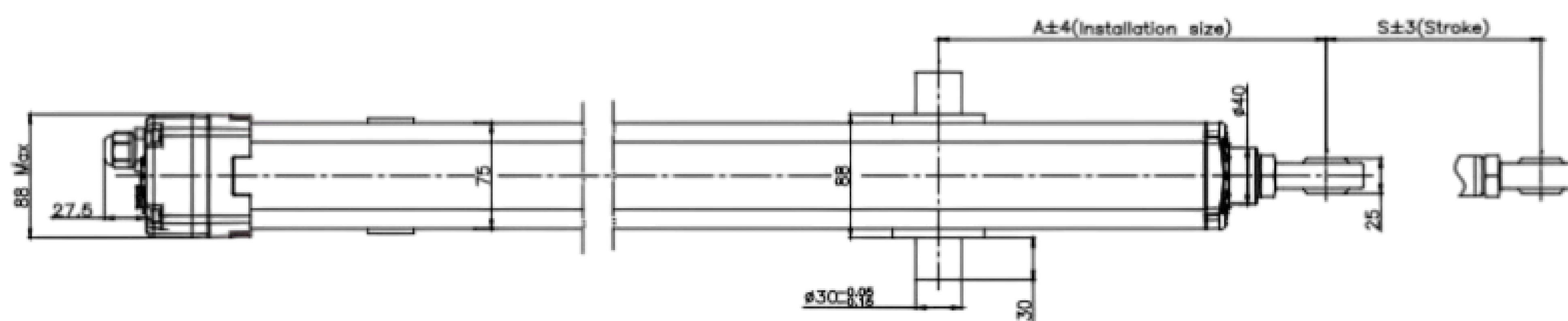
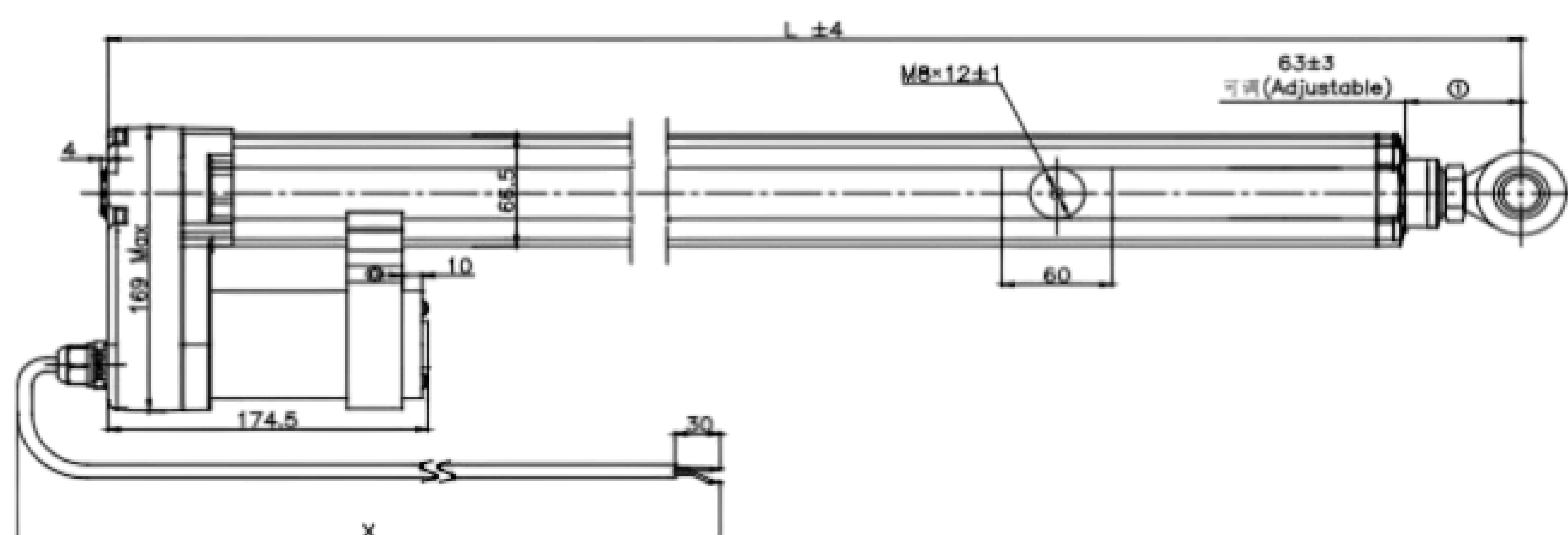
- *Home Automation*
- *Renewable Energy*
- *Medical Equipment*
- *Agriculture*
- *Industrial & Engineering*
- *Furniture*
- *Specialty Systems*



Specification :

Model	PAX-1500B
Input Voltage	12V/24V DC
Load Capacity	10000N / 12000N / 15000N (customizable)
Static Load	45000N
Dynamic Wind Stress	15000N, push/pull rated for 80,000 cycles
Travel Speed	1.4mm/s, 2.0mm/s, 3.0mm/s
Stroke Length	50mm to 1200mm (multiple increments, customizable)
Limit Switch	Built-in or external magnetic limit switch
IP Rating	IP66 (suitable for outdoor use)
Signal Feedback	Hall sensor
Max Load Working Frequency	12%
Cable Length	Standard 500-800mm (custom options available)
Operating Temperature (at 15KN)	30°C to +70°C
Noise Level	56dB (DS/EN ISO8746)
Design Life	25 years
Weight	8 – 20kg

Drawing :



Product Detail:

