



Product

H-Track Electric Actuators

Application

MRI Scanner Table

Highlights

- Unique electric actuator with self-contained hydraulic actuation
- Force rating of 4,800 lbs. (21 kN)
- Resists vibrational drifting
- Holds loads stationary without power
- Low noise operation
- Patented valve and reservoir design
- Stroke lengths up to 16 in., solid rods allow for increased resistance to buckling
- IP67 static, IP69K dynamic rated

Linear actuators are used to raise and lower patient tables on Magnetic Resonance Imaging (MRI) scanners. The beds are lowered to allow for easier patient access. Once the patient is positioned, the table is raised to the precise height required to enter the scanner.

Warner Linear engineers have developed the new H-Track electric actuator with self-contained hydraulic actuation to provide reliable movement on scanner tables and other medical devices. The innovative H-Track provides the smooth, softer-sounding performance of hydraulics without the space requirements and expense of a full-size hydraulic system, making it ideal for use in hospital and other healthcare environments.

The unique, patented valve and reservoir design provides significant space savings compared to competitive models. The compact footprint allows the H-Track to fit in the limited space available in MRI scanners. Units resist drifting and hold a load stationary without power, allowing the H-Track to hold the patient tables at their desired scanning height. These completely sealed actuators feature an anodized aluminum housing that resists corrosion and provides protection from dust and humidity.

With a robust force rating of up to 4,800 lbs. (21 kN) and precise load setting control, reliable H-Track actuators are designed to meet the demands of repeated raising and lowering of scan tables over years of service.

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