



Product



Application

H-Track Electric Actuator

Snow Plows

Highlights

- Unique electric actuator with self-contained hydraulic actuation
- Operating temperature range of -40°F to 180°F (-40°C to 82°C)
- Absorbs sudden impacts without damage
- Anodized aluminum housing resists corrosion from snow and salt
- Force rating of 4,800 lbs. (21 kN)
- Compact, power-dense design
- Patented valve and reservoir design
- IP67 static, IP69K dynamic rated
- 500-hour salt spray rated

Snow plows operate in harsh environments where cold temperatures, combined with the corrosive effects of wet snow and salt, would destroy a typical electric actuator. Robust Warner Linear H-Track actuators, with an operating temperature range down to -40°F (-40°C), are ideally suited to handle these difficult conditions.

Snow plow applications require an actuator that can withstand the constant bouncing of the plow blade during operation, maintaining its position while accommodating varying snow loads. Units must also be able to absorb potentially devastating impacts from objects, such as concrete parking blocks hidden in the plow's path.

The H-Track is immune to vibrational drifting and hydraulically self-locks, while holding its position without power. A unique fluid design allows the unit to withstand sudden impacts without damage to the actuator. All models are fully sealed and built within an anodized aluminum housing to resist corrosion from salt and snow.

The innovative electric H-Track provides the performance of hydraulics without the space requirements and expense of a full-size hydraulic system. The H-Track is a power-dense actuator solution with a force rating of 4,800 lbs. (21 kN) packaged in a compact size. A unique, patented valve and reservoir design also provides significant space savings compared to competitive models. Weather-tight H-Track actuators are IP67 static, IP69K dynamic and 500-hour salt spray rated.

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