



Product

B-Track K2x Actuator

Application

Truck Air Deflectors

Highlights

- Up to 2800 lbs. (1270kg) load capacity
- Patented screw end bearing guide
- Nitrotec® treated end fittings
- Heavy-duty, sealed double ball bearing motor

The global manufacturer of truck aerodynamic products required reliable electric linear actuators for use on their cab-mounted adjustable air deflectors. The actuators allow the driver to remotely raise and lower the deflector panel to match the varying heights of trailers and loads to achieve optimum vehicle aerodynamics. The air deflectors provide many benefits on over-the-road trucks, including significantly improved fuel efficiency and road handling.

Warner Linear supplied B-Track K2x actuators to meet the application requirements. Units are weather-tight with integral O-ring seals, and feature heavywall rod and extension tube, bidirectional holding brake and Nitrotec® treated end fittings for superior strength and corrosion resistance. Gear materials were selected for high-load impact and durability. A unique (patented) screw end bearing guide provides smooth extension operation, high side-load capability and aids in screw re-lubrication. Other features include a heavy-duty, sealed double ball bearing motor and a mechanical torque limiter for end of stroke and overload protection.

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