



Product

B-Track K2AC Electric Actuator

Application

Food Mixing Bowl Tipper

Highlights

- 230 VAC input voltage
- Up to 1100 lbs. (4893 N) load capacity
- 18 in. (450 mm) stroke length
- Excellent corrosion protection
- Integrated brake module
- Patented in-line load transfer design

A food service equipment manufacturer required reliable electric linear actuators for use on their mixing bowl tipper. After all food ingredients are thoroughly mixed, twin actuators tip the large capacity bowl approximately 125° so contents can be quickly and safely transferred to smaller bins.

To meet the application's in-plant electrical requirements, Warner Linear supplied B-Track K2AC actuators. Models featured a load capacity of 1100 lbs. (4893 N), an 18 in. (450 mm) stroke length, and an input voltage of 230 VAC. Units also featured an integrated brake module to provide redundant holding capacity when a loaded bowl is stopped during tipping operation.

These rugged-duty K2 actuators incorporate an AC motor, an Acme screw, and a patented in-line load transfer design which provides high load capability for efficient power use in a compact package size. Units offer excellent corrosion protection, which is important for this food processing application.

All B-Track K2 models feature a solid bronze or Delrin® nut with a rolled hybrid screw yielding high impact capability and long screw life. Other features include heavy-duty, double-ended ball bearing motors, hardened gears, O-ring seals and an extension rod bearing system that offers best in class capabilities.

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