

Application Profile



Applicatio

Highlights

- Greater lift load capacity
- Better control of lift motion
- Superior durability
- Increased corrosion resistance



K2x Linear Actuator **Pool/Spa Lift**

The Warner Linear K2x actuator was developed for rugged duty performance, with a patented in-line load transfer design and robust features that made it well suited for pool lift applications that demand dependable strength and precise operator control.

The actuator is the key component in the strongest remote-controlled, battery-powered lift device on the market. The actuator design achieves greater lift load capacity and better motion control than previously used units.

The lift is used to raise and lower individuals into and out of pools or spas for physical therapy and rehabilitation therapy. Warner Linear redesigned the K2x actuator's gear ratio to 30:1, which increased lift load capacity to 500 pounds and reduced operating speed, providing the user better control over the motion of the occupied chair.

The redesigned actuators provide several improvements over the lift's previous actuators, including:

- Doubled wall thickness of cover tubes and extension tubes
- O-ring seals rather than gaskets for longer service life
- Die cast aluminum housings and powder coat urethane finishes rather than plastic housings
- Hardened gears and ball bearings for rugged duty use.

Warner Linear also designed a new, wireless remote control unit including transmitters, receiver, 24-volt battery pack and battery charger. The new battery pack provides more than 95 lifts between charges, compared to the 40-lift capacity of the previous units.

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