



Product

K2x Linear Actuators

Application

Fire Tanker Dump Valve & Portable Tank Lift

Highlights

- Patented screw end bearing guide
- Up to 2,800 lbs. (1270kg) load capacity
- Gear materials selected for high-load impact and durability
- Heavy-duty, sealed double ball bearing motor
- Nitrotec® treated end fittings

Reliable electric actuators were required by a major fire equipment manufacturer for use on fire tanker dump valves and truck-mounted portable tank lift systems. Rural fire departments utilize tanker trucks where fire hydrants or natural water sources are not available. Typical tankers carry 1,000 gallons of water and are equipped with “fast-drain” valves that allow firefighters to empty the water into a portable tank in just seconds.

Powered by a single actuator, the remotely-activated dump valve allows firefighters to be positioned away from the dangerous chute area during water dumping operations. A portable tank lift system, powered by a pair of linear actuators, lets firefighters conveniently access the on-board, side-mounted portable tank without excessive stretching or straining.

Warner Linear K2x electric actuators were specified to meet the requirements for both the dump valve and tank lift applications. The Warner units are weather-tight with integral O-ring seals and feature heavy wall rod and extension tube, bi-directional holding brake and Nitrotec® treated end fittings for superior strength and corrosion resistance. Unique (patented) screw end bearing guide provides smooth extension operation, high side-load capability and aids in screw re-lubrication.

K2x models also feature a heavy-duty, sealed double ball bearing motors and a mechanical torque limiter for end of stroke and overload protection. High performance synthetic lifetime lubes are used throughout.

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