

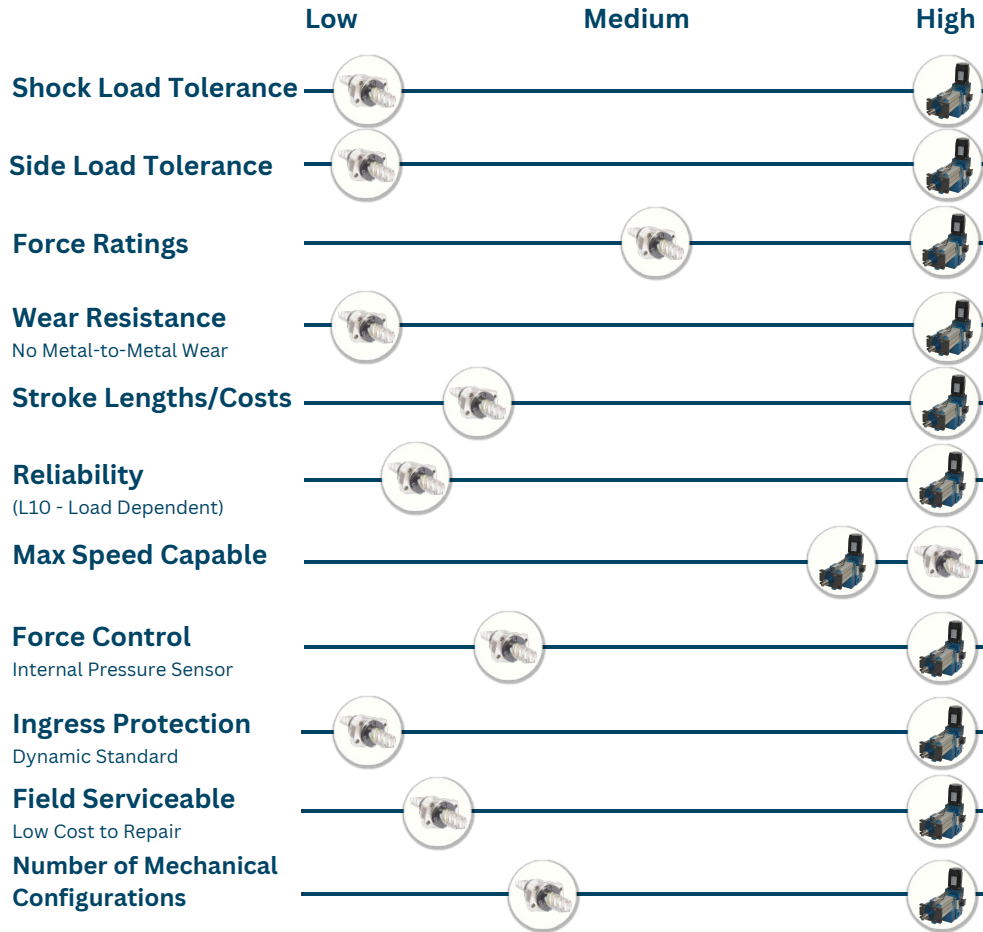


SHA



EMA

SMART Electro-Hydraulic Actuator (SHA) vs. Screw Type Actuators (EMAs)



Why the Kyntronics All-Electric, All-in-One SMART Electro-Hydraulic Actuator (SHA) Outperforms Screw Type Actuators (EMAs)

- EMA's are damaged by shock and side loads and premature wear from metal-to-metal contact. Must be oversized to extend life.
- SHA's can provide higher force ratings and a multitude of stroke lengths varying from 1 to 120".
- EMA's require frequent lubrication to extend service life.
- EMA's are life dependent on the load.
- SHA requires no PM other than a rod seal change (after years of use).
- The SHA comes IP65 (Dynamic) rated and can be customized to meet IP69k requirements.
- Most screw type actuators need to be thrown away once they break/wear out, the SHA can be repaired in field if maintenance is required.
- The motor for the SHA can be mounted in several different locations, making it easy to adapt to customer's machine.

COST COMPARISON AT DIFFERENT FORCE RATINGS

Kyntronics SMART Electro-Hydraulic Actuator (SHA) vs. Electro-Mechanical Roller Screw Actuator (EMA)

