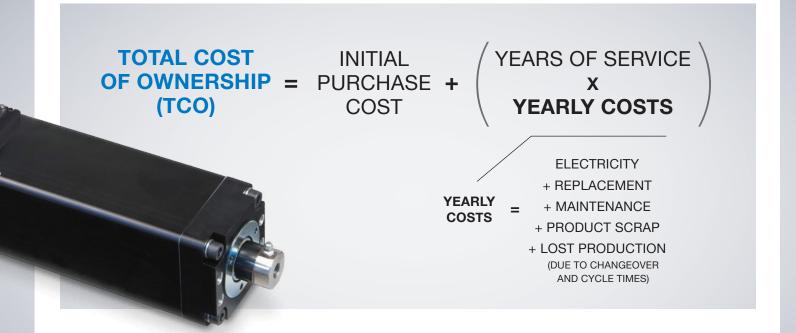
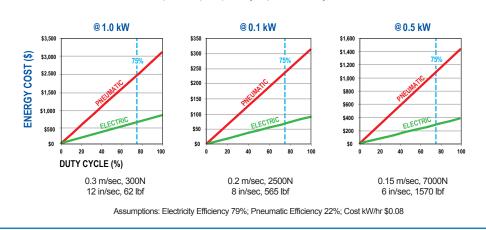


CALCULATING TOTAL COST OF OWNERSHIP Pneumatic vs. Electric Actuators



Calculating the power costs of an application

- POWER-OUT (kW)
- = (Velocity (m/sec) x Force (N)) ÷ 1,000 (converted to kN)
- bower-IN (kW)
- N (kW) = Power-Out (kW) ÷ Efficiency (%)
- S COST OF APPLICATION = (Power-In) x (Hours/year) x Electricity Cost



The efficiency differences between an electric and pneumatic system can result in significantly different electric utility costs over the lifetime of the device.

White paper

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