

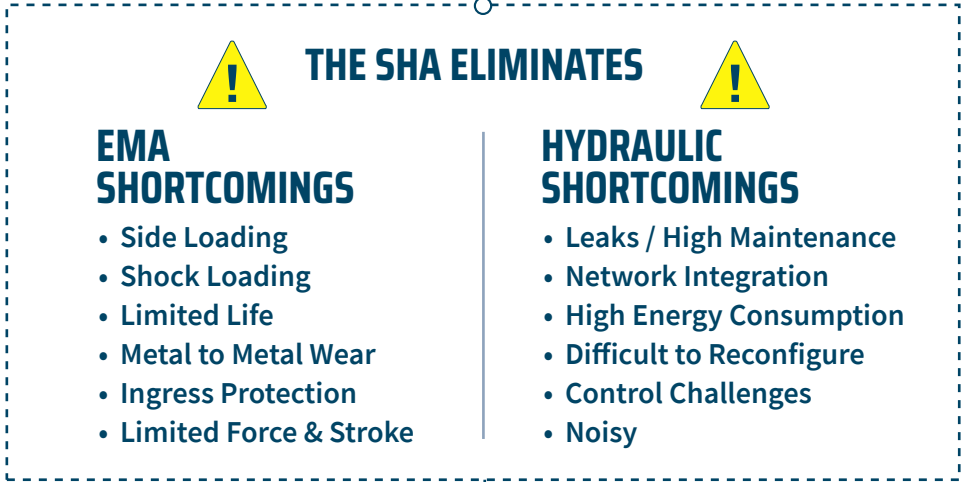
EMA BENEFITS

- Power on Demand
- Ease of Control
- Fieldbus
- Diagnostics
- Easy to Reconfigure

SMART ELECTRO-HYDRAULIC ACTUATOR (SHA)

HYDRAULIC BENEFITS

- Shock Tolerance
- High Force Density
- Fluid Characteristics
- Ingress Protection
- Cost Effective



THE SHA ELIMINATES

EMA SHORTCOMINGS

- Side Loading
- Shock Loading
- Limited Life
- Metal to Metal Wear
- Ingress Protection
- Limited Force & Stroke

HYDRAULIC SHORTCOMINGS

- Leaks / High Maintenance
- Network Integration
- High Energy Consumption
- Difficult to Reconfigure
- Control Challenges
- Noisy

THE RESULT

SMART ELECTRO-HYDRAULIC ACTUATOR (SHA)

Combines the benefits of EMAs and traditional hydraulics while eliminating their shortcomings resulting in a superior actuation solution.