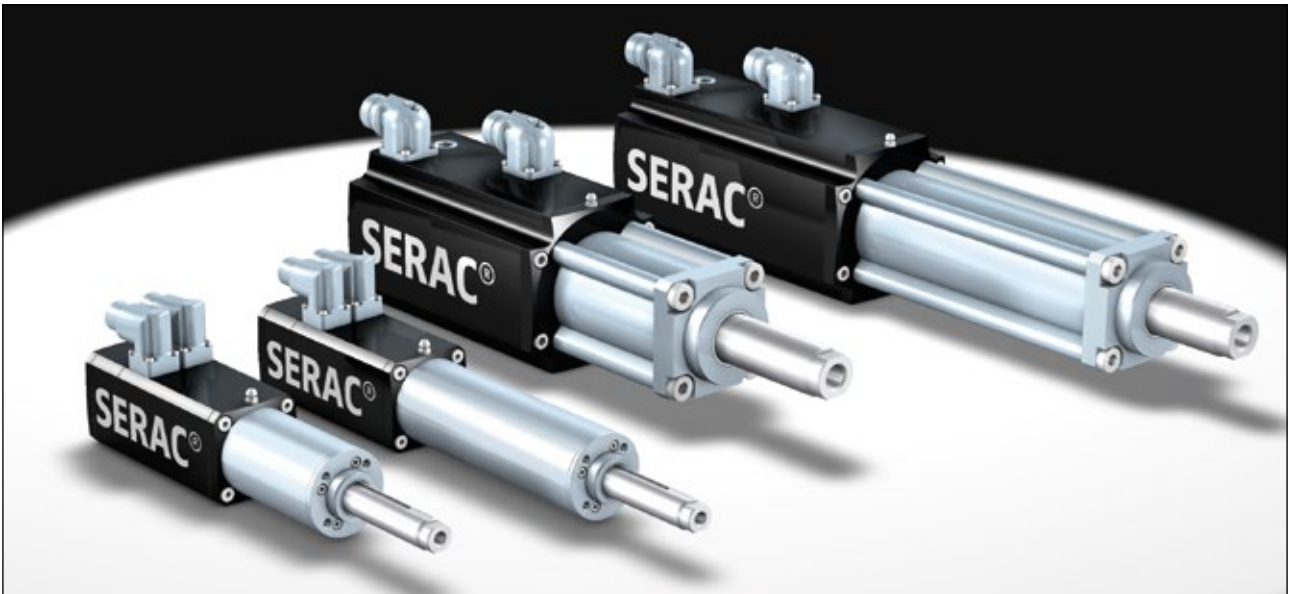


The robust electric cylinder for high dynamics applications



SERAC® XH – ultra slim design

In many cases this compact electric cylinder is ideally suited for direct use instead of hydraulic cylinders.

The shaft of the torque motor is in the form of a screw at the output end, to drive the nut directly. This results in a low mass moment of inertia, giving optimum dynamic behaviour.

SERAC® electric cylinders can be operated with servo controllers from a range of well-known manufacturers. For complete, one-stop solutions, we cooperate with LTI DRIVES, manufacturer of the LTI ServoOne controller (page 42).

Short profile:

- Suitable for high dynamics applications (acceleration up to 29.4 m/s² possible)
- Low moment of inertia due to power transmission via output rod
- High control quality for rapid positioning
- Very short cycle times achieved
- Integrated locking element for smart designs
- Limit switch mountable directly on the cylinder
- SERAC® XH is available with optional holding brake