HiPAŞ

Certified Excellence Partner
rexroth
A Bosch Company

SERVO HYDRAULIC AXIS

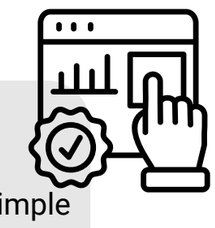
High Efficiency & Low Maintenance

- Robust design — integrated hydraulic damping protects against shocks and vibrations
- Uninterrupted operation — no downtime for hose or filter replacement
- Early condition detection — integrated sensors identify potential critical issues in advance

Energy & Efficiency

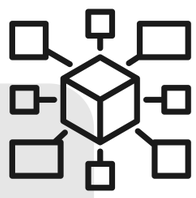
- Power-on-demand control reduces energy use
- Built-in sensors monitor energy and process parameters
- (Energy efficiency focus)

Easy Engineering & Integration



- Pure electric control for simple engineering and fast commissioning
- Plug & Play installation for immediate integration
- Ruler-mountable design for easy measurement and assembly
- Compatible with standard servo drives and control systems

Design & Application Benefits



- Compact, scalable design fits into modern linear systems
- Ideal alternative to traditional hydraulic and electromechanical actuators
- Capable of handling higher load requirements compared to electromechanical systems.

Quick Installation

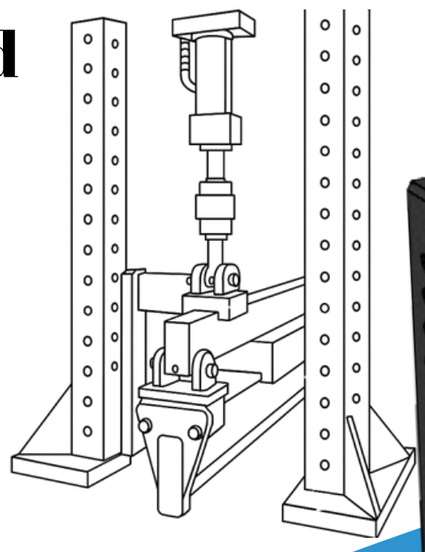
- Minimal connections

Fast setup via parameter file; electrical know-how is enough
(Setup & commissioning simplicity)

Power & Performance

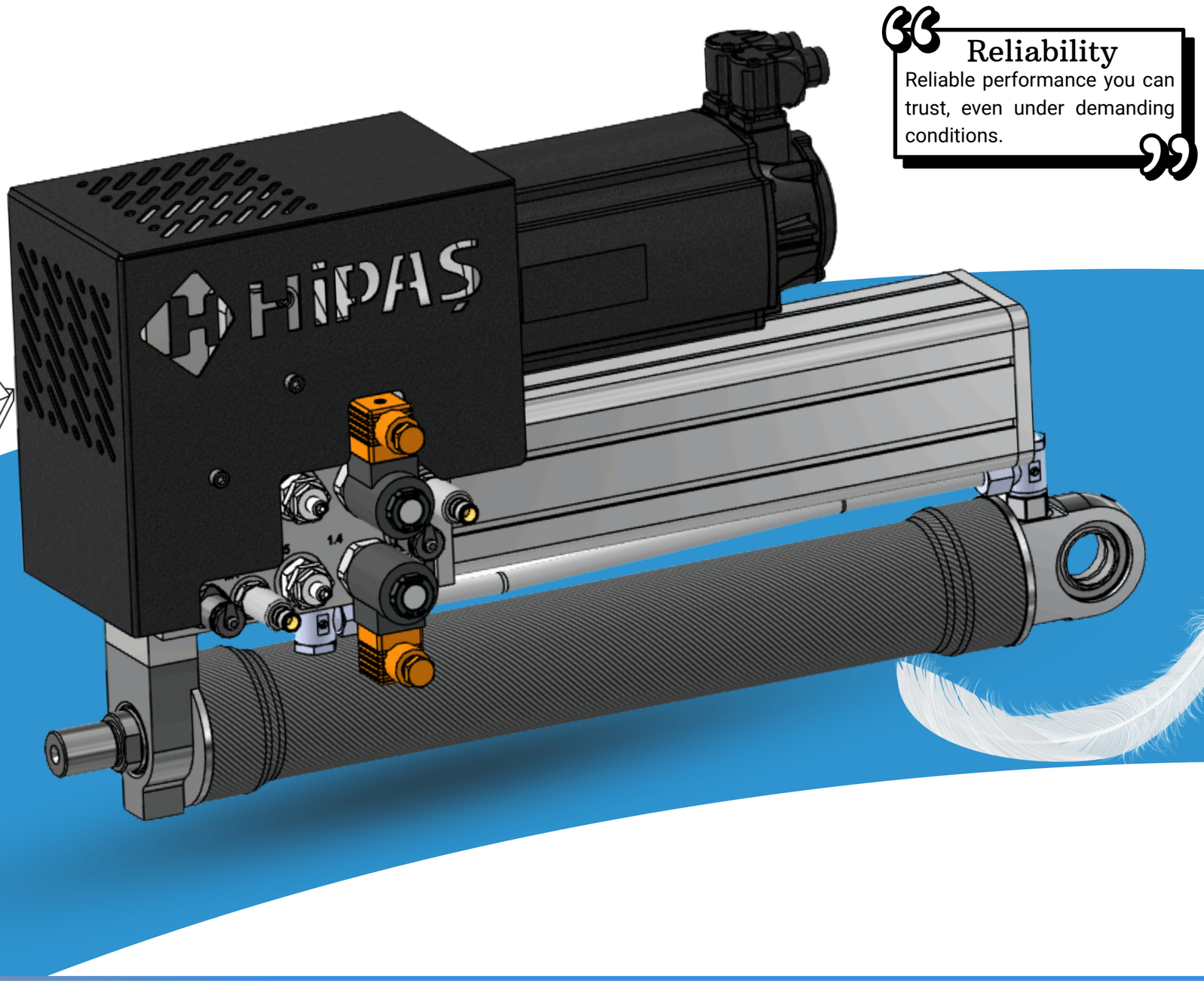
- Up to **6 kW** high power and up to **250 kN** thrust force
- Fast linear motion, max **400 mm/s** speed, up to **1200 mm** stroke
- High dynamics and precise position control with servo motor (optional lineer position sensors)

Structural and Fatigue Test Systems



AXIAL BENDING TORSIONAL

> **Reliability**
> Reliable performance you can trust, even under demanding conditions.



Defense

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