

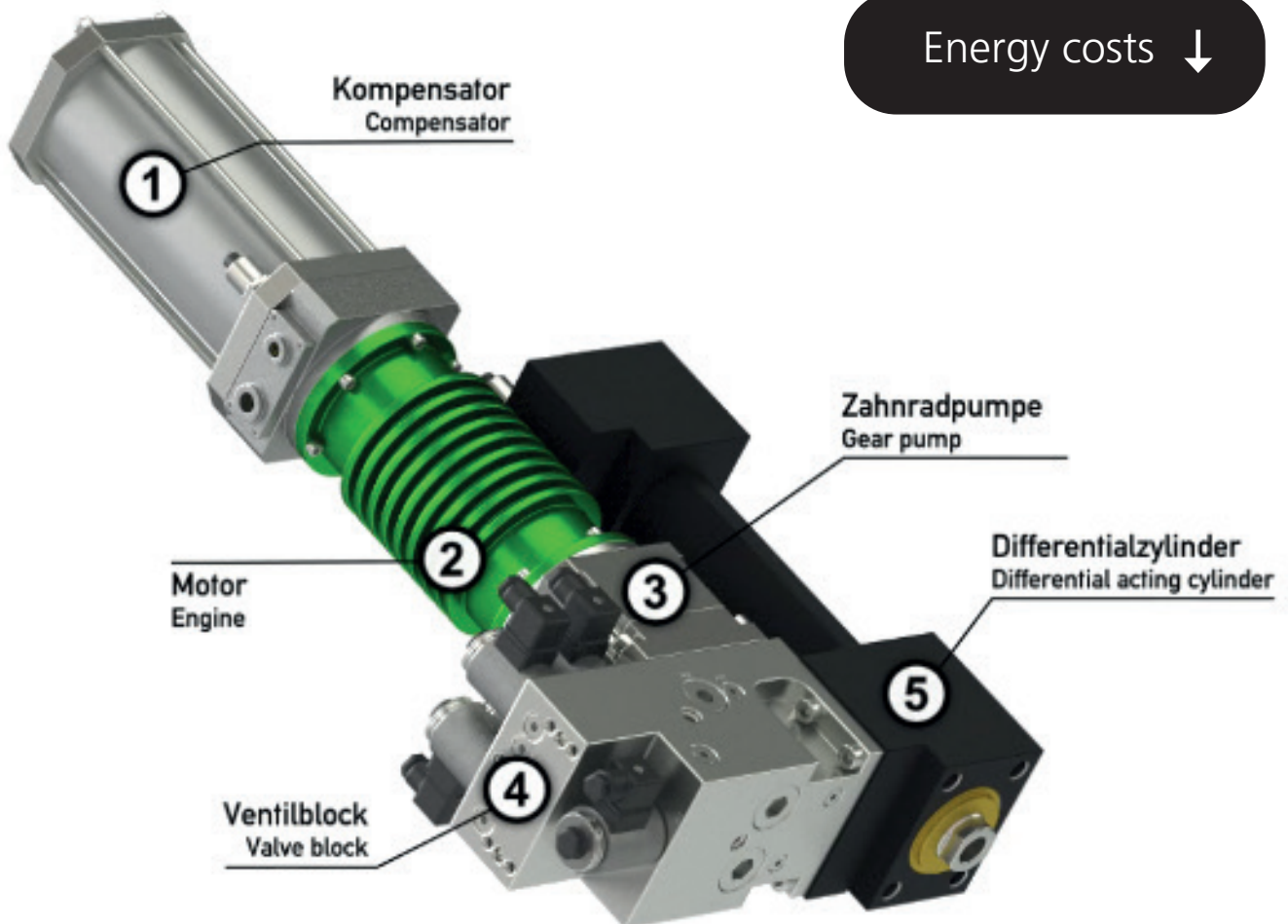
Electro-hydraulic linear drive

E-AHP

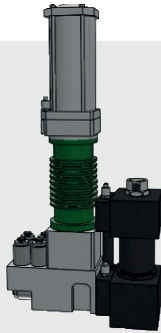
- Compact, **position-independent** electro-hydraulic linear actuator
- Integrated displacement and force measurement (optional)
- 4-quadrant pump, without rotary seal, 100% **leakage-free**
- Oil-flow 3-phase servo motor with high power density
- Position-independent compensator, for temperature and oil volume compensation
- Electric, freely definable rapid gear / power gear changeover (optional)
- Electrically switchable pressure and position holding (optional)
- Enables the realisation of sophisticated machine, regulation and control concepts
- Ideal for complex, innovative and future-oriented production processes and testing applications
- Purely electrical plug & play interface
- **Efficiency 95 ... 98%**

Efficiency ↑

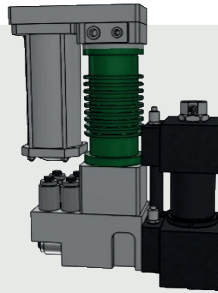
Energy costs ↓



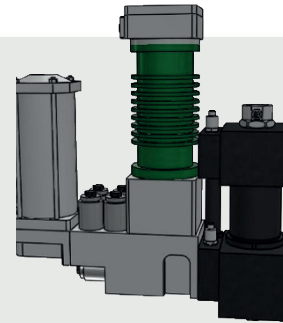
Designs



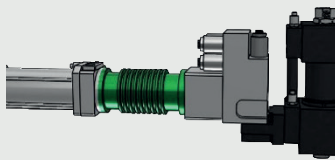
Type „U“



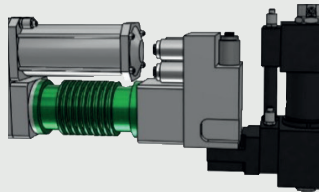
Type „Z“



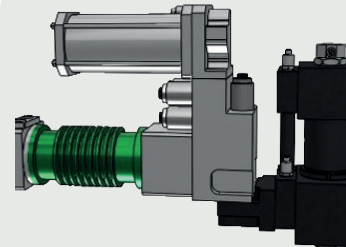
Type „W“



Type „L“



Type „G“



Type „F“

- Piston diameter in standard, diameter 40 ... 250mm
- Force range from 0.25 kN to 1000 kN
- Extension and retraction speeds up to 2000mm/sec
- Energy-saving rapid traverse function and storage solutions possible
- Performance level up to PL E possible (press safety)
- Drive powers 3.5 kW | 6.2 kW | 16 kW | 32kW (12.5 | 22.5 | 60 | 90 ltr/min)
- Optionally available for continuous applications with special coolers

