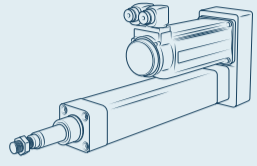
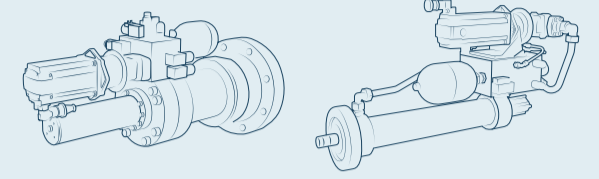


With electro-  
mechanical  
cylinder



## Self-contained linear drives from Bosch Rexroth – direct comparison

With  
servohydraulic  
actuator



### Data & facts

#### EMC

Ball screw

multi-stage – with constant feed

IP 54 / 65 / 65 +R

0 to 40 °C

up to 56 kN

2,5 to 93 kN

up to 1.500 mm

up to 1,6 m/s

up to 10 µm

Automotive, food and packaging,  
aerospace, presses, test facilities,  
metallurgy, simulators, machine  
tools

- Exact control of complex processes, synchronous drive of multiple axes
- Hygienic design (for food, chemistry and pharmaceutical applications)
- Optimized lubrication concept with optional connection to central lubrication unit
- Selection-tool LinSelect

#### Transmission type

#### Reduction stage

#### Type of protection

#### Temperature range

#### Axial force range

#### Basic dynamic load rating (Cdyn)

#### Maximum stroke

#### Movement speed

#### Positioning accuracy

#### Typical applications

#### Specific benefits

#### SHA

Hydrostatic transmission with constant or variable displacement units + single or double rod cylinders

Gear ratio fix, switchable or variable adjustable

IP 65

0 to 40°C

up to 2.600kN

not relevant

up to 1.800 mm

up to 1,1 m/s

< 40 µm

Automotive, construction industry  
(hydropower or mobile  
applications), mining, oil and  
plastics industry, navy, metallurgy,  
simulators, machine tools

- Simple solution for heavy loads
- Operation in aggressive environmental conditions / hazardous areas
- Design flexibility due to compact and distributed construction
- Minimum hydraulic know-how required
- Optional energy management
- Engineering and simulation tools (e.g. SytronixSize and Simster)