

# Bosch Rexroth drive navigator

Your way to the right actuator concept

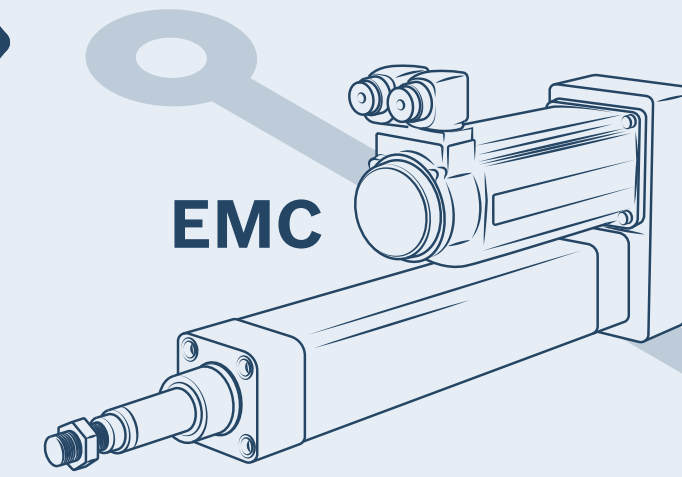
## Your route criteria

- ✓ Efficiency
- ✓ One-Stop-shopping
- ✓ Complete system
- ✓ Connectivity

### Servo-hydraulic drive – benefits

- High thrust force – hydraulic actuation
- Robustness – long lifetime and low sealed fluid volume
- Overload protection via pressure control valves

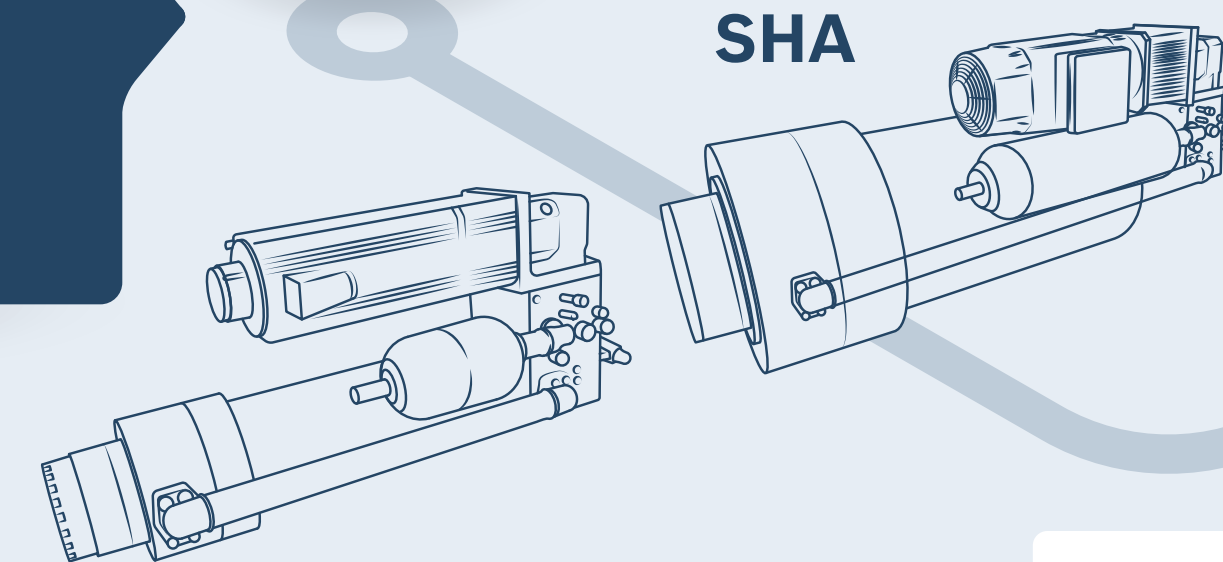
### Electromechanical drive



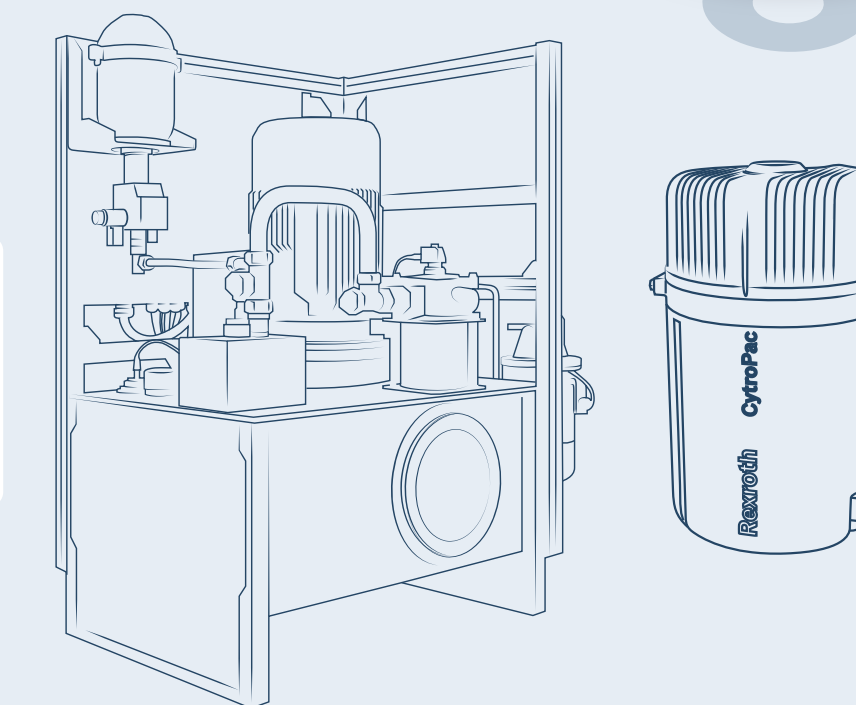
### Electromechanical drive – benefits

- High precision and dynamics
- Simple engineering and quick implementation
- High system rigidity allows easy control

### Servo-hydraulic drive



### Open system (atmospheric tank)



### Distributed construction – benefits

- Connection of standard cylinder and motor-pump-unit with hydraulic manifold via hoses or pipes
- High flexibility

### Closed system (SHA)

### Distributed construction

### Complete system from Bosch Rexroth – benefits

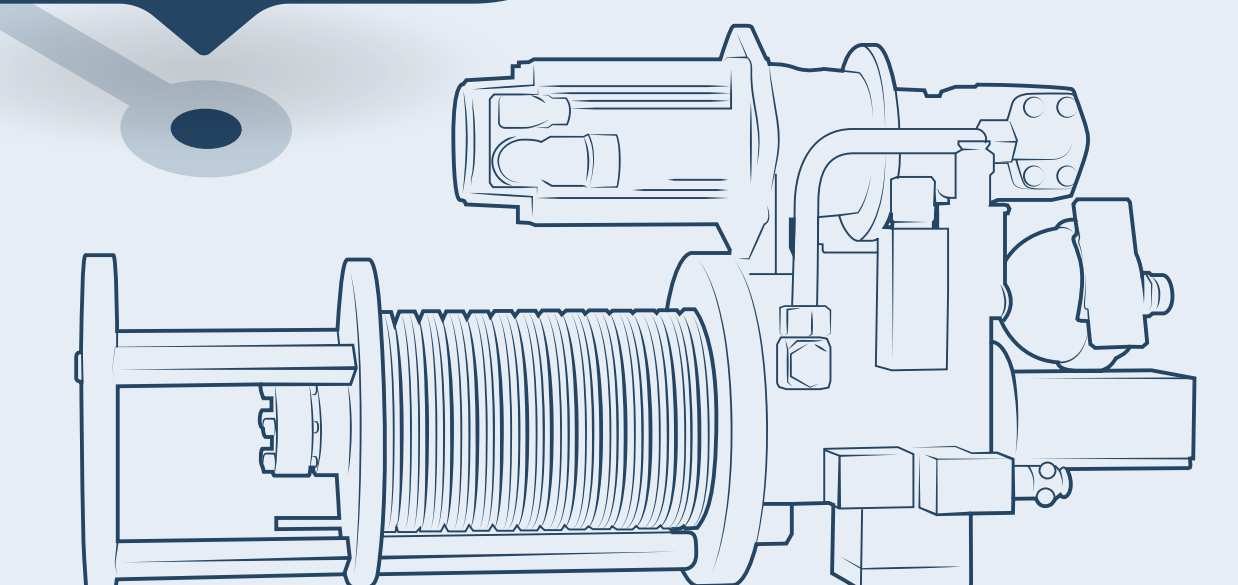
- Fast installation – compact design, defined interfaces
- Easy implementation – plug & run
- Low maintenance
- Energy-efficient in operation – power on demand
- Ready for Industry 4.0

### Compact construction – benefits

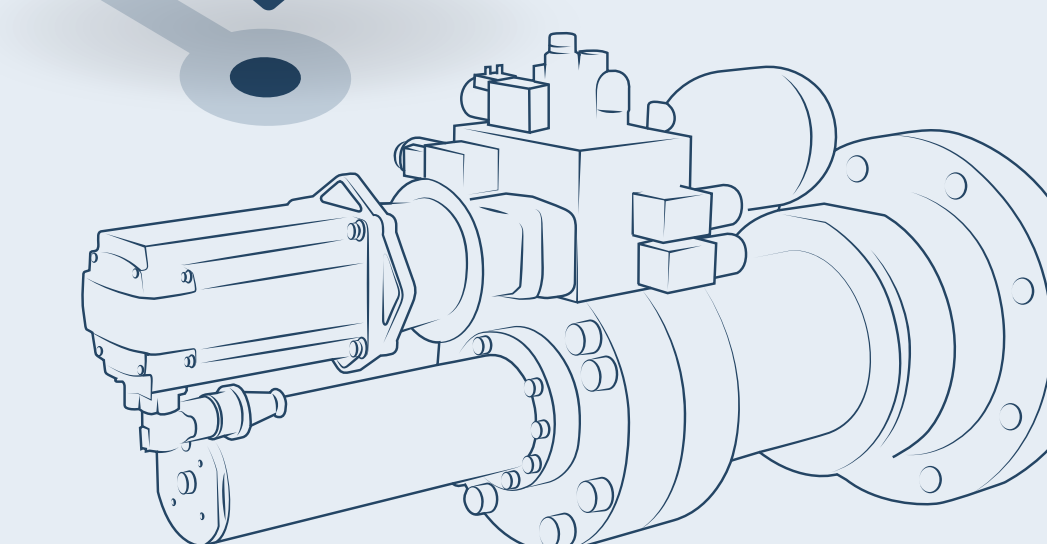
- Full or partial integration of the cylinder and motor-pump-unit with hydraulic manifold
- Saves installation space

### Compact construction

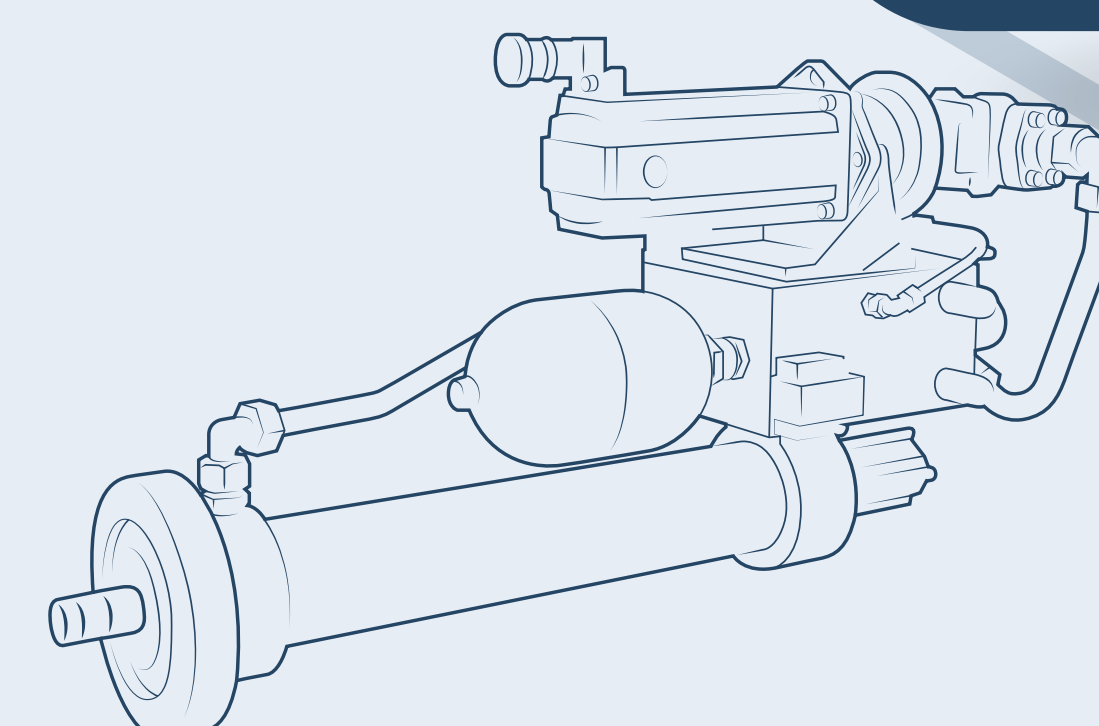
### Industry-specific



### Multiple area / tandem cylinder



### Single rod cylinder



## Complete Unit from Bosch Rexroth including converter, sensor technology and software

- Consistent concept for electric drives and controls
- Comprehensive digitalization via closed loop system, ready for monitoring and Industry 4.0
- Connectivity via Sercos and Multi-Ethernet
- Condition monitoring and energy management
- Standard engineering tool (IndraWorks)
- Worldwide service support including maintenance