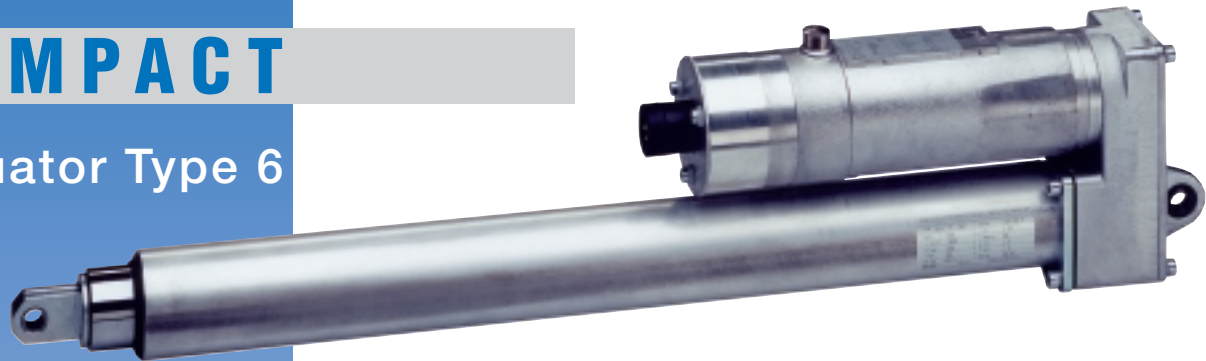


# MODULAR SYSTEM

## COMPACT

### Actuator Type 6



## RACO Elektrozyylinder®

### Small in Size but big in Performance

small

compact dimensions

high performance



The RACO COMPACT series actuators have extremely short build-length but high thrust force capacity - and just like the bigger RACO modular actuator range, they are purely electro-mechanical.

Designed for use in a wide range of push-pull applications the RACO COMPACT has the following advantages:

- wide performance range
- robust construction
- applicable to high frequency operations
- cost effective
- maintenance free
- linear motion without the disadvantages of pneumatic or hydraulic systems
- reliable even in extreme environmental conditions

The RACO COMPACT series is economically priced and in view of its space design the ideal actuator for many industrial applications such as:

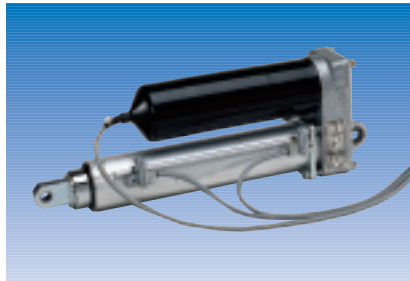
- automation and mechanical handling equipment
- goods handling: lifting tables, loading bays, barrel lifters
- traffic flow: industrial doors, barriers and warning signs
- flow control: butterfly valves, flap valves, diverters
- transmission: brakes, locking devices, couplings

#### RACO-COMPACT

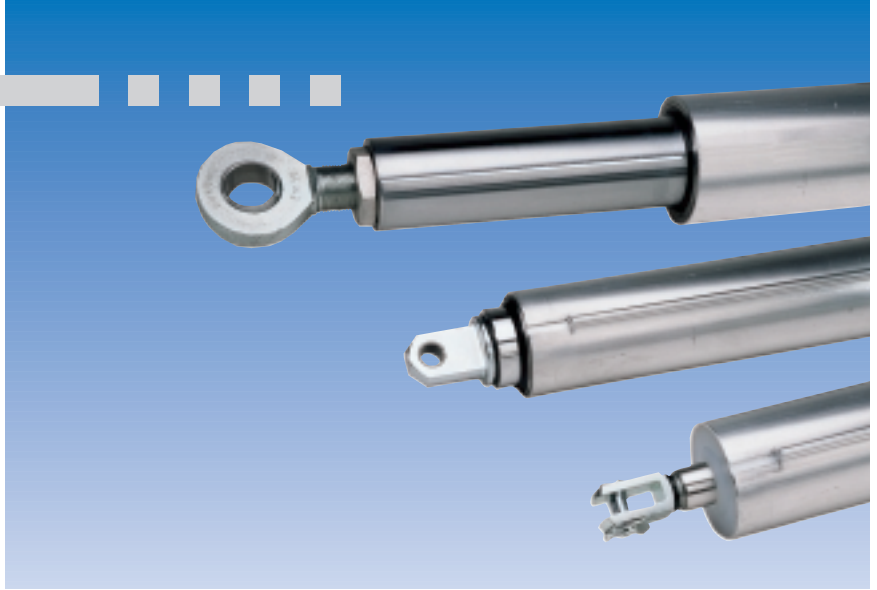
Thrust	Linear Speed *	Size
2,0 kN	40 mm/s	2
7,5 kN	5 mm/s	4
5,0 kN	90 mm/s	5
15,0 kN	60 mm/s	6
40,0 kN	30 mm/s	7

cert. according  
DIN EN ISO 9001

\* At lower thrusts there are possible higher speeds.  
Detailed technical data are available from extra prospectuses.



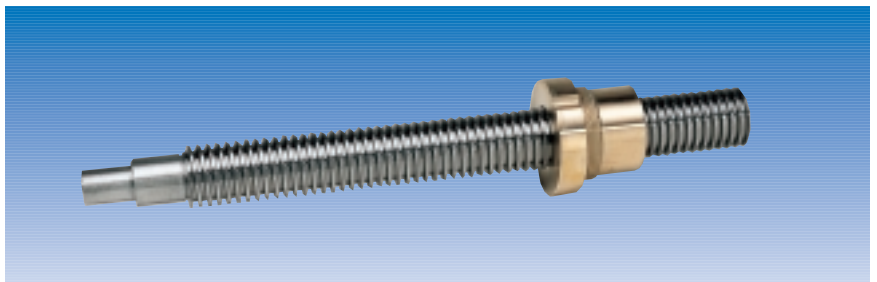
COMPACT with IP 65 DC motor



Various types of thrust tube fittings



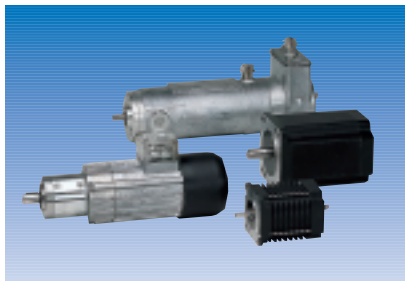
Timing belt drive with flange mounting design option



Self-locking screw and nut

RACO COMPACT actuators ensure trouble-free, smooth operation and a long working life with:

- a generously dimensioned spindle shaft and bearing assembly with end-of-stroke buffer
- spindle nut of high grade materials with integral grease reservoir (long-life lubrication)
- precision-manufactured high contact area thread used on the spindle and nut



Drive Motors



Micro processors for servo and stepper motor

The RACO COMPACT can be supplied with several different drive configurations.

Self-locking lead screw or for high frequency and high repeatability operations the RACO precision ball screw drive options are available.

The RACO COMPACT is available for:

- strokes to 2000 mm
- linear speeds to 80 mm/sec.
- thrust loads to 40 kN



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