QUESTIONNAIRE (please double click grey fields)
RACO ELECTRIC ACTUATOR

RACO SCHWELM

Customer: **Contact Person** **Tel-no.** **Fax**
Zip code: **Engineering:**
City: **Purchase:**
Street: **e-Mail:**

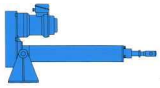
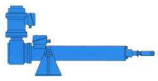
Inquiry-no.: **Project:** **Date:**

Description of the application:

Product choice out of the catalogue:

Quantity:
Budget:

0 Design: ☐ straight ☐ parallel ☐ angled Switchings per hour:
hours per day:

☐ with acme screw-thread ☐ with ball screw
Self locking of the system required? ☐ Yes ☐ No Should the actuator fail safe in a certain position? ☐ Yes ☐ No

1 Voltage: ☐ **1 x** **V DC** ☐ **1x** **V AC** **Hz** ☐ **3x** **V AC** **Hz**

2 Linear rod speed: about mm/s Acceleration / Deceleration: m/s^2
Reproducible intermediate positions: ☐ Yes ☐ No Position accuracy: mm

Motor: ☐ three phase motor ☐ stepper motor ☐ positioning motor ☐ servo motor
Hand operator: ☐ Yes ☐ No ☐ brake „L“ => with voltage brake release ☐ brake „B“

3 Push-pull thrust: kN **static load:** kN **guided Load?** ☐ Yes ☐ No
Load direction: ☐ pushing ☐ pulling ☐ pushing and pulling
Installation position: ☐ horizontal ☐ vertical ☐ inclined in an angle of degrees
Motor position: ☐ at top ☐ at bottom (Consider the oil level at gear motors)

4 Required stroke: mm (used stroke mm + stroke reserve: mm)

5 Influences to the system: Are there **vibrations** at static load? ☐ Yes ☐ No

6 Type of mounting: ☐ Lateral trunnions ☐ Trunnions with brackets (movable) ☐ Flange ☐ Rear eye

7 Type of protection: ☐ IP ☐ ISO-Class Surrounding temperature from °C up to °C
Enviromental conditions: ☐ dry ☐ dusty ☐ humid ☐ tropical
Working place: ☐ outdoor ☐ ocean, outdoors ☐ covered ☐ indoor
Kind of protection: ☐ rod cover (bellow) ☐ solid protection tube ☐ higher corrosion protection

8 Position: ☐ Stroke sensoric EPS02 with 2 limit switches ☐ Stroke sensoric EPS06 with 6 limit switches & analog signal
☐ 2 ☐ 4 ☐ 6 adjustable limit switches ☐ 1 ☐ 2 ☐ 3 ☐ 4 Proximity switches (inductive), extern
☐ Position emitter DMU 4-20 mA ☐ Potentiometer (1 kΩ) ☐ Inductive pulse emitter DIG

9 Rear accessory housing: ☐ A ☐ B ☐ C **Lateral accessory housing:** ☐ D ☐ E ☐ F
Electronic components: ☐ Overload protection ☐ Thermistor trigger relay
☐ Connection module ☐ Motor integrated frequency inverter

Controls: ☐ Positioning module type RCM 100 ☐ Linear rod speed adjustable
☐ One axis positioning ☐ Synchronisation of more electric actuators
☐ System solutions acc. customer´s request

10 Extras:

Certified according DIN EN ISO 9001
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