APPLICATION QUESTIONNAIRE
ELECTRIC ACTUATOR / ELECTRIC LINEAR DRIVE

RACO

		Contact Person	Telephone #	E-Mail
Customer:				
Street:		**Engineering:**		
City:		**Purchasing:**		
Zip Code:	**State:**		**Fax:**	

Inquiry-no.   **Date:**   **Quantity:**   **Price Range:**

Project: **Actuator Type**

Remark/Application   ☐ Linear Module   ☐ Linear Drive

☐ Electric Actuator

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0 Voltage: DC: V   Single Phase: V   Hz   Three Phase: V   Hz

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1 Should the actuator fail-safe to a certain position?   ☐ yes   ☐ no

Cycles per hour: How many hours per day?   Life expectation in hours:

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2 Linear rod speed: about   inch / sec

Reproducible intermediate positions: ☐ yes   ☐ no   **Position accuracy:**   inch

Acceleration / deceleration: inch / sec^2

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3 Thrust: lb   **Static load:**   lb   **Load guided:**   ☐ 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   **carriage:**   ☐ at top   ☐ at bottom

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4 Required stroke: inch   **5**   Are there **vibrations** at static load?   ☐ yes   ☐ no

Are there **vibrations** at dynamic load?   ☐ yes   ☐ no

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6 Type of mounting: ☐ Lateral trunnion   ☐ Trunnion with bracket (movable)   ☐ Rear eye   ☐ Gimbal Mount

☐ Flange   ☐ Trunnion with bracket (fixed)   ☐ Foot plate

Hand operator: ☐ yes   ☐ no   ☐ Hand Operator with Electrical Interlock and Mechanical Disengage

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7 Type of protection: NEMA   ISO class   Surrounding temperature from   °F up to   °F

Environmental conditions: ☐ dry   ☐ dusty   ☐ humid   ☐ tropical   ☐ corrosive

Work place: ☐ outdoor   ☐ indoor   ☐ outdoor covered

Explosion Proof Classification: ☐ Class I   ☐ Class II   ☐ Group

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8 ☐ 2 Electronic limit switches (EPS 02)   ☐ 2 Mechanical limit switches   ☐ Potentiometer (1 kΩ)

☐ 4 Electronic limit switches (EPS 04)   ☐ 4 Mechanical limit switches   ☐ Proximity switches

☐ 6 Electronic limit switches with Position Emitter (EPS 06)   ☐ 6 Mechanical limit switches   ☐ Position Emitter 4 – 20 mA

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9 Accessories:

☐ Thrust overload protection   ☐ Hi-Temperature Package

☐ Variable rod speed   ☐ Low Temperature Package

☐ Motor integrated frequency inverter   ☐ Tropical Proof Corrosion Protection Package

☐ Brake Type L (power release)   ☐ Rod End Front Clevis

☐ Brake Type B (power set)   ☐ Motor Control, Position Control, & Integrated Control System

☐ Hand Release for Brake   ☐ Custom Design, Consult Factory

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10 Other Accessories: