Precision Technology
USA
ENGINEERED ACTUATORS

ACTUATOR APPLICATION FORM

SalesForce.com Oppty #:	
Submitted by:	

Customer Information

Customer Name:			
Project Name:		*Date Submitted:*	
Contact Name:		*Date Needed:*	
Title:		*Customer Spec. #:*	
Address:	(Street)	*RFQ#:*	
	(City)	(ST)	(ZIP)	(Country)
Phone:		*Email:*	
If Distributor, End Customer:			
End Customer's Market/Products:			

Application Overview

New application/machine: ☐ *Replace Hydraulics:* ☐ *Replace Pneumatics:* ☐ *Displace other EMA:* ☐

Application Description:

Product Preference	**Transmission Preference**	**Request Type**
Ram-Style (Rod Type): ☐	*Timing Belt:* ☐	*Detailed Formal Proposal:* ☐
Rodless Actuator: ☐	*Ballscrew:* ☐	*Formal Quote:* ☐
Screw Jack: ☐	*Trapezoidal/Acme Screw:* ☐	*Budget Quote:* ☐
Other (describe below): ☐	*Rollerscrew:* ☐	*Product Selection Only:* ☐
	None (Guide Tube): ☐	

Quantity Required / Schedule:

Application Requirements

Stroke Length:		*Move Profile* (if complex, describe in notes section)	
Precision / Repeatability:		*Distance:*	
Required Life:		*Move Time:*	
Orientation:		*Dwell Time:*	
Externally Guided Load? (Y/N):		*Max Velocity:*	
Mass carried/moved:		*Acceleration:*	
Axial Thrust Load (Force):		*Duty Cycle:*	
		Operation (Hours/Day):	

Environmental Considerations

Location / Conditions

Industrial / Factory: ☐	Operating TemperatureRange:
Food Grade: ☐	Humidity (if applicable):
Washdown: ☐	Required IP rating (if applicable):
Exterior: ☐	Impact/shock (describe, if applicable):
Cleanroom: ☐	

Solid Contaminants

None: ☐

Non-abrasive: ☐

Abrasive: ☐

Course chips: ☐

Fine dust: ☐

Liquid Contaminants

None: ☐

Dripping: ☐

Mist / spray: ☐

Splashing: ☐

High pressure: ☐

Submerged: ☐

System Information

Motor Provided by

Customer: ☐

Distributor: ☐

PT / AAI: ☐

Motor / System Type:

Brushless Servo: ☐

DC Motor: ☐

Stepper Motor: ☐

AC Motor: ☐

Other: ☐
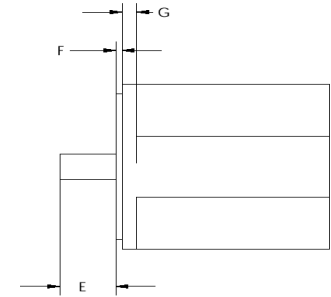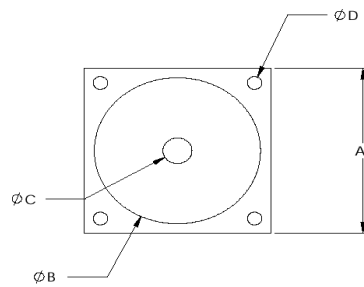
Motor Manufacturer:

Motor Model Number:

Specify voltage(s) available:

Frame Size (A):

Pilot Diameter (B):

Shaft Diameter (C):

Bolt Hole Diameter (D):

Shaft Length (E):

Pilot Depth (F):

Flange Thickness (G):

Bolt Hole Circle Diameter (H):

Shaft Key Description:

Screw Jack Specifics

Version	*End Fitting*	*Stop Collar*
Translating Screw (N): ☐	Without (O): ☐	Without (O): ☐
Translating Screw, anti-rotate (V): ☐	Top Plate (BP): ☐	With, N/V versions only (A): ☐
Translating Nut (R): ☐	Fork End / Female Clevis (GA): ☐	*Special Features*
Gear Ratio	Clevis / Female Eye (GK): ☐	Without (O): ☐
High Speed (H): ☐	*End Fitting*	Standard Accessories (Z): ☐
Low Speed (L): ☐	Without (O): ☐	Special Accessories (S): ☐
Screw End Features	With Bellows (F): ☐	*Screw Dimensions*
Standard threads (G): ☐	*Nut (for R type)*	Default (0): ☐
Cylindrical end (Z): ☐	Without (O): ☐	4005, M4 KGS only (1): ☐
No end machining (0): ☐	EFM Trapezoidal (1): ☐	4010, M4 KGS only (2): ☐
Special (S): ☐	KGF Flanged Ballnut (2): ☐	
	KGM Cylindrical Ballnut (3): ☐	

Standard Accessories:	*Peak Force Is Applied In:*
Trunnion Nut Mounting (KAR): ☐	Compression (during extension): ☐
Mounting Feet (L): ☐	Tension (during retraction): ☐
Mounting Trunnions (K): ☐	Both Compression and Tension: ☐
Fixed Limit Switches, N/V only: ☐	*System Configuration*
Adjustable Limit Switches, N/V only: ☐	Load is shared by how many Jacks: ⬚
Safety Nut (SFM): ☐	Distance(s) between Jacks: ⬚
	PT / AAI to supply line shafts & gearboxes: ☐
	Number of MGK required: ⬚

Provide Additional Details Here