- Over 30 YEARS Supplying Africa -

BirCraft

GEARED MOTORS - LINEAR ACTUATORS - CONTROLS








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BEE Certified

SERVO MOTOR

Questionnaire

In order to quote you the best price, we request that you **PRINT CLEARLY,** and answer **ALL** the following questions:

Company Details _____ **Date** _____
Primary Company Activity _____
Contact Name _____ **Position** _____
Email Address _____ **Cell** _____
Tel ( ) _____ **Fax** ( ) _____

AC BRUSHLESS

Torque	_____	(Nm)
Max. Speed	_____	(R.P.M)
Power	_____	(W)
Peak Torque	_____	(Nm)
Accel Time	_____	(sec)
Time (total)	_____	(sec)

DC SERVO MOTOR

Rated Torque	_____	(Nm)
Rated Speed	_____	(R.P.M)
Power	_____	(W)
Idle Time	_____	(sec)
Decel Time	_____	(sec)
Distance _____	radians, or __	in or cm

APPLICATION = SPEED OR POSITION ?

Wood Machine	___	Textile Machine	___	Cable / Wire	___
Film Machine	___	Robot / Pick & Place	___	Machine Tool	___
Packaging	___	Printing Machine	___	Other	___

AC Brushless (Resolver Included)

Flat _____ Brake _____ Squared (Frame) _____ Encoder _____
Type _____ Manufacturer _____

DC Servomotor (Hall Left Included)

Tacho Generator _____ Encoder _____ Brake _____
Type _____ Manufacturer _____
Amplifier Yes _____ No _____

A) Direct Drive (Circle Units)

Load Inertia _____ lb – in – s^2 (kg – cm^2) Load Friction _____ lb – in (g – cm^2)

B) Reduction – Belt or Gearing (Circle Units)

Load Inertia _____ lb – in – s^2 (kg – cm^2) or Diameter _____ inch (mm)
And Length _____ inch (mm) Load Friction _____ lb – in (g – cm^2)
Belt / Gear Ratio _____ : 1 Efficiency _____ %

C) Linear – Belt Pulley or Rack & Pinion (Circle Units)

Load Weight _____ lbs (kg) Belt / Rack Weight _____ lbs (kg)
Pulley Radius _____ inch (mm) Pulley Inertias _____ lb – in – s^2 (kg – cm^2)
Total Friction _____ lb – in (g – cm^2) Gear Ratio _____ : 1 Efficiency _____ %

D) Linear – Lead Screw (Circle Units)

Load Weight _____ lbs (kg) Load Friction _____ lb – in (g – cm^2)
Screw Inertia _____ lb – in – s^2 (kg – cm^2) Screw Pitch _____ rev / inch(mm / rev)
And Length _____ inch (mm) or Diameter ____ inch (mm)Efficiency _____ %

MecVel BAUER SPG BODINE BALDOR REO-PRECILEC LEESON maxon
PARVALUX GEFEG Servomech HANNING RELIANCE ENGEL HUBNER FIBER Oriental STM