LINTECH® Ball Screw Assemblies

Application Guide

Name	me			Date			Z axis		
Company								X axis	
Address						_			
City	Lity		State		Zip	_ _		<u></u>	
Phone ()		Fax ()							
Positioning System Specifications									
Axis		X	Y	Z	Axis	X	Y	Z	
Ball Screw Type (rolled, precision, ground)					Duty Cycle (%)				
English or Metric (E or M)					Travel Length (L-N) (inches or mm)				
Shock/Impact Loads (none, low, medium, high)					Repeatability (inches or mm)				
Overall Travel Life (millions of inches or Km)					Lead Error (inch/ft or mm/300mm)				
Maximum Accel (inches/sec ² or m/sec ²)					Nut Flange Type (round, vertical, "L")				
Maximum Speed (inches/sec or m/sec)					Motor Frame Size (NEMA 23, 34, 42, other)				
Most Difficult Move Profile	Distance (in or mm)				Encoder (Resolution)				
	Time (sec)				Power-off Brake (Yes or No)				
Spec	ial	☐ High Temperature		□ Clean Roo	□ Maximum Smoothness		□ Motor Wrap		
Requirements		□ Vacuum Rated		☐ High Moist	ture Low Audible I	Noise	□ Other (explain below)		
Screw & Support Housing Loads									
Load Weight as Seen by the Ball Screw (lbs or kgf)									
Horizontal Application				Vertical A			Additional Thrust Load		
		Load W=			Force T= Load applied to				
Load W=							the screw from an external source		
Travel Length (L-N)			Tota	al Load (W + T)	I			
Application Details (please describe and attach separate sketch if required)									