LINTECH® Ball Screw Assemblies

Application Guide

| Name _ | : | | | | Date | Z axis | | |
|---|------------------------|------------------|---|---------|--|--------------------------|----------------------------------|----|
| Company | | | | | | | Y axis X axis | |
| Address | | | | | | | , | |
| City | | State Zip | | | | | | |
| Phone _ | () | | Fa | 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/sec² or m/sec²) | | | | | Nut Flange Type (round, vertical, "L") | | | |
| Maximum (inches/sec or | | | | | Motor Frame Size (NEMA 23, 34, 42, other) | | | |
| Most Difficult | Distance (in or mm) | | | | Encoder (Resolution) | | | |
| Move Profile | Time (sec) | | | | Power-off Brake (Yes or No) | | | |
| Deguiremente | | - | ☐ High Temperature ☐ Clean Room ☐ Maximum Smoothness ☐ Motor Wrap | | | | | |
| Vacuum Nated Fright Moistare Low Addition Noise Other (ex | | | | | | piain below) | | |
| Screw & Support Housing Loads Load Weight as Seen by the Ball Screw (lbs or kgf) | | | | | | | | |
| Horizontal Application Vertical Application Additional Thrust Load | | | | | | | pad | |
| I | I | | ##====##4 | | | | | |
| | | - | Load W= | | | | ← → | П |
| B 320220 | ◆ N → | 2002203203203203 | | | | | | |
| B C C C C C C C C C C | | | | | | Force T= Load applied to | | |
| Load W | /= | | | | | | the screw from a external source | ın |
| Travel Length (L-N) | | | Total Load (W + T) | | | | | |
| Application Details (please describe and attach separate sketch if required) | | | | | | | | |
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