

BALL SCREW SPECIFICATION SHEET FOR NEW APPLICATIONS



Customer Name:

Date:

Customer POC:

PO Number:

Customer Email:

Customer Phone:

Application:

ex: machine tool, transport, etc.

Speed and Travel:

Stroke: mm

Stroke Time (t): sec

Ramp Time (t1): sec

Acceleration: m/s²

Deceleration: m/s²

Load Conditions:

Moving Mass: kg

External Axial Force: N

Maximum Load: N

Maximum RPM: rpm

Mass supported by Linear Guides? Yes No

Position of Ball Screw relative to COG

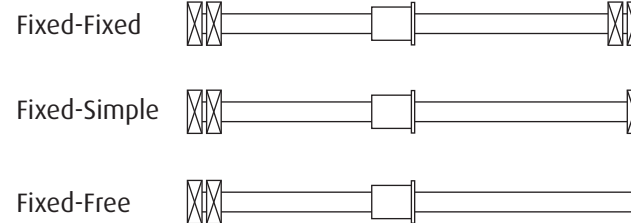
X-coord: mm (horizontal distance)

Y-coord: mm (vertical distance)

Orientation:

Mounting Orientation:
(horizontal/vertical)

Support Method



Accuracy/Repeatability Requirements:

Application Details (Please enter any other special considerations not covered):

Environment:

Temperature Range: deg C deg F

General Industry
Wash Down
Clean Room
Vacuum
Outside Use
Splash
Corrosive
High Humidity
Contaminated
Food/Medical

Other Comments:

Duty Cycle:

Life Expectation: (years)

Cycles per Hour:

Operating Hours: (per day)

Operating Days: (per year)

BALL SCREW SIZING SPECIFICATION SHEET



Customer Name:

Date:

Customer POC:

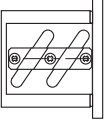
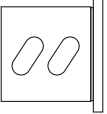
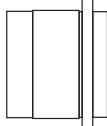
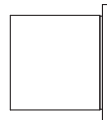
PO Number:

Customer Email:

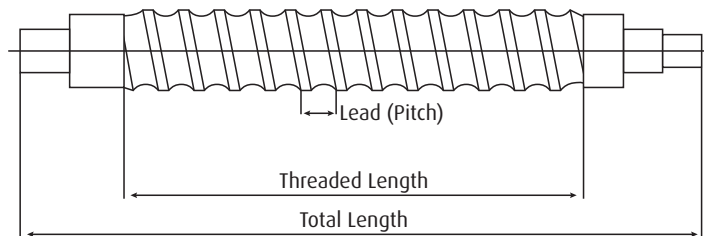
Customer Phone:

Application:

ex: machine tool, transport, etc.

Preferred Nut Type:	
	<p>Tube Type</p> <p>Max Nut Diameter: mm</p> <p>Flange?: Yes No</p> <p>Max Flange Diameter: mm</p>
	<p>Deflector Type</p> <p>Max Nut Length: mm</p> <p>Number of Bolt Holes on Flange:</p> <p>Direction of Threads: Right Left</p>
	<p>End Cap Type</p> <p>Nut Orientation: Right Left</p> <p>Preload Requirements:</p>
	<p>Tangential Type</p> <p>P - 5% of Dynamic Capacity Z - 10% of Dynamic Capacity D - 10% of Dynamic Capacity with higher rigidity</p>

<p>Clearance/Axial Play:</p> <p>Z (Zero Clearance)</p> <p>T (0.005mm or under)</p> <p>S (0.020mm or under)</p> <p>N (0.050mm or under)</p> <p>L (0.3mm or under)</p>	<p>Grease:</p> <p>Surface Treatment:</p> <p>Material: Standard: High Carbon Steel Optional: Stainless Steel Other:</p>
<p>Accuracy Requirements:</p>	<p>Accessories:</p> <p>NSK K1 Lock Nut Travel Stopper</p>
<p>Torque Requirements:</p>	<p>Support Units:</p> <p>Fixed/Free Fixed/Simple Fixed/Fixed</p>
<p>Rigidity Requirements:</p>	



Shaft Diameter: mm Threaded Length: mm

Lead: mm Total Length: mm

Comments:

Part Number:

Quantity: