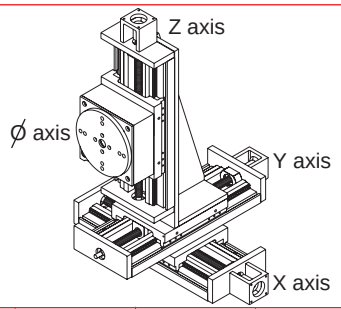
Design Considerations

Application Guide

Name _____ Date _____

Company _____ State _____

Phone ( ) _____ Email _____



System Requirements

Budget *(per system)* _____

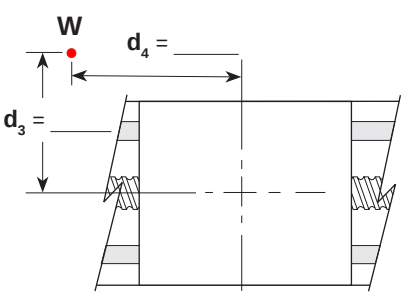
Axis	X	Y	Z	ϕ	*Axis*	X	Y	Z	ϕ
Load Dimensions length x width (in or mm)					**Maximum Accel** (in/sec² or m/sec²)				
Load Weight (lbs or kg)					**Duty Cycle** (%)				
Travel Length (in or mm)					**Table Life** (millions of inches or Km)				
Repeatability (in or mm)					**Motor Frame Size** (NEMA 23, 34, 42, other)				
Accuracy (Overall - in or mm)					**Limit Switch Type** (mech, reed, hall, prox)				
Maximum Speed (in/sec or mm/sec)					**Waycovers** (Yes or No)				
Most Difficult Move Profile — **Distance** (in or mm)					**Encoder** (linear, rotary, & resolution)				
Most Difficult Move Profile — **Time** (sec)					**Power-off Brake** (Yes or No)				

Special Requirements

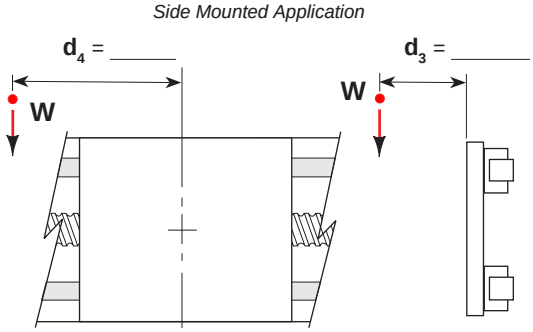
- ❒ High Temperature
- ❒ Clean Room
- ❒ Maximum Smoothness
- ❒ Motor Wrap
- ❒ Vacuum Rated
- ❒ High Moisture
- ❒ Low Audible Noise
- ❒ Other (explain below)

Moment Loads

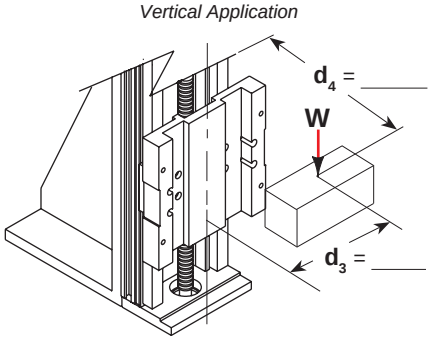
Horizontal Application



Side Mounted Application



Vertical Application



Load Weight (W) _____ (lbs or kg)

Application Details