



Understanding Ball Screw Lubrication

Ball screws – mechanical devices that convert rotational motion to linear motion with a minimal amount of friction – are used in an array of industrial applications and particularly in machine tools. However, they must be lubricated to operate properly to achieve their rated life.



Learn more about the importance of proper ball screw lubrication from MRO Magazine.

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NEW WEBINAR: Introduction to Wheel-Guided Linear Units

July 30, 2014 11 a.m. EDT/10 a.m. CDT/8 a.m. PDT

Belt-driven, wheel-guided linear units are ideal for applications where speed and/or stiffness are critical. This would include any application where throughput is critical such as packaging, filling and dispensing, material handling, or general factory automation. The webinar will cover:

- Brief overview of wheel-guided technology and product options
- Review of WH unit applications
- Using the Thomson web tools for sizing and selection

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Energy Cost Estimator
Compare Pneumatic and Electro-Mechanical Solutions

Fill in the fields with your application details and another you want to be making comparisons with an electro-mechanical system. The tool will compare pneumatic and electro-mechanical solutions for total cost of ownership. You can also compare the two systems side-by-side.

About Your Application		Pneumatic System		Electro-Mechanical System	
Customer Name	<input type="text"/>	Cylinder per Minute	<input type="text"/>	Working Hours	<input type="text"/>
Brand	<input type="text"/>	Working Days	<input type="text"/>	Working Hours per Year	<input type="text"/>
Region or Country	<input type="text"/>	Initial Investment Cost	<input type="text"/>	Annual Cost per Working Hour	<input type="text"/>
Country	<input type="text"/>	Annual Cost per Working Hour	<input type="text"/>	Annual Cost per Working Hour	<input type="text"/>
Initial Investment	<input type="text"/>	Annual Cost per Working Hour	<input type="text"/>	Annual Cost per Working Hour	<input type="text"/>
Annual Investment	<input type="text"/>	Annual Cost per Working Hour	<input type="text"/>	Annual Cost per Working Hour	<input type="text"/>
Annual Working Hours	<input type="text"/>	Annual Cost per Working Hour	<input type="text"/>	Annual Cost per Working Hour	<input type="text"/>

Calculate Your Savings

See how much you could save by switching from pneumatic cylinders by using the interactive Energy Cost Estimator.

The new Thomson PC Series electric actuators are designed to deliver superior performance while saving you time and money with easy product sizing and selection, quick and reliable installation, and reduced maintenance.

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