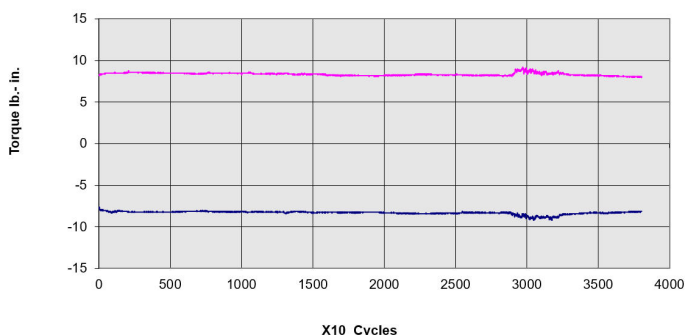


ZE 188 Life Test  
38,000 Cycles



**TORQMASTER**  
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### Features:

- ◆ 360 degree shaft rotation:  
pivot and stay put in any position
- ◆ Available torques  
1 - 12 in. lb. torque per hinge balanced or  
un-balanced torque
- ◆ Slim profile with solid mounting geometry
- ◆ Available in Right or Left hand configurations
- ◆ Minimal Springback
- ◆ Minimal Backlash

### Benefits:

- ◆ Long Stable Cycle Life
- ◆ Smooth, steady feel over life of product
- ◆ Consistent performance
- ◆ Tighter packaging for smaller applications
- ◆ Available for immediate delivery
- ◆ No tooling charge
- ◆ Corrosion protection available

### ZE 188 Hinge Family Product Information:

The housing geometry is common among the various hinge configurations. Various mounting configurations are available.

### Product Description:

The ZE 188 KN 114 hinge is available in balanced or unbalanced torques and in right and left-hand configurations. This hinge meets or exceeds life testing within specifications to 30,000+ cycles. Designed with 360° shaft rotation, this hinge can pivot and stay put in any position. We offer 100% product testing. You will experience a smooth and consistent "feel" over life of this product. Corrosion protection is available.

### Custom Hinges:

Our professional engineers can design the optimal housing, mounting configuration, materials and torque needed for your product.

Semi Custom hinges are also available. We can configure a semi-custom design to perform in the application to your requirements. Semi-custom hinges offer motion control solutions tailored to your specific needs but without the development time and cost associated with a dedicated custom solution. These hinge solutions are designed to provide the motion control you require using standard parts from our in house "library" of hinge components. These components often are assembled with one custom part or simply in new configurations.

If you are using another hinge, let us show you how a TorqMaster replacement hinge can enhance your product's performance while reducing costs.

Contact our sales department to discuss your special needs.