

REELL PRECISION MANUFACTURING

Innovative Torque Solutions

Reell (ray-el)

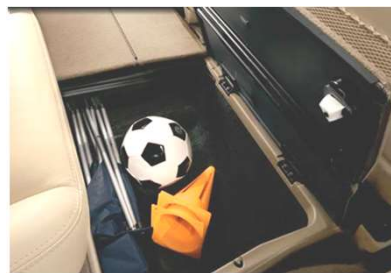
German:

Fair, Genuine, Honest, Trustworthy

World Class Motion and Position Control



Reell provides innovative solutions to control position, transmit torque and protect delicate components from excessive force.



Our products are used in a wide range of markets including medical, commercial, industrial consumer, automotive and aerospace



Learn More about
Constant Torque Hinges

Global Operations



Saint Paul, MN USA – World Headquarters

- Established 1970
- Sales, customer service, design, manufacturing & logistics
- Production: Friction hinges, clutches, precision springs, linear locks, wrap spring devices and engineering services

Querétaro, Mexico

- Established 2022
- Sales with future manufacturing & logistics

Elsloo, Netherlands

- Established 1993
- Sales, customer service, design engineering, manufacturing & logistics
- Production: Clutches, industrial products, consumer products

Shanghai, China and Singapore

- Singapore established 1998, Shanghai entity established 2016
- Sales, application engineering, customer service
- Manufacturing through collaborative partnerships



150 employees around the world, selling through a mix of independent reps and direct sales people

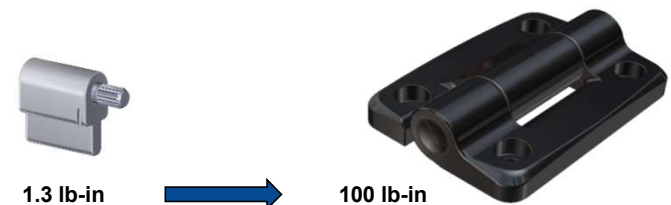
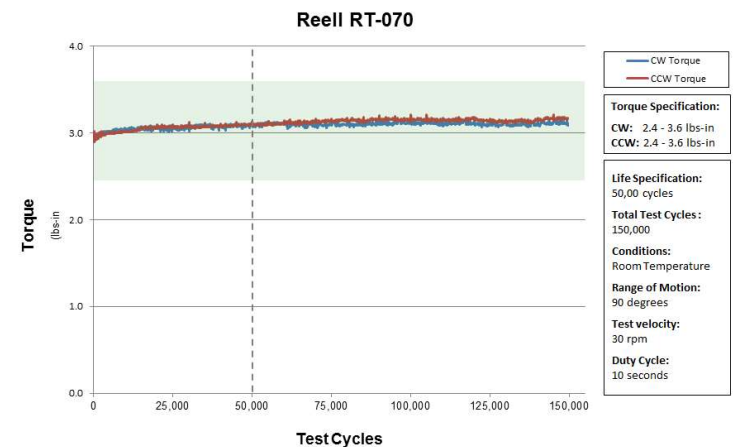
Reell Technology Excellence



Long life performance- Reell products have life cycle ratings up to 50k cycles that **deliver consistent torque performance over life.**

Smooth operation- With only a 10% difference between static and dynamic torque, Reell products do not exhibit the 'stick slip' of other constant torque devices, **providing the end user with a demonstrably better 'feel' when adjusting position.**

High torque density- ReellTorq® provides more torque in a smaller package than other friction technologies, **enabling engineers to design with a smaller torque element 'footprint'.**



Reell solves difficult motion control problems

ReellTorq® Technology



- Precision clips, shaft components, proprietary lubricant, and proprietary manufacturing
- The incremental torque provided by each clip allows precise torque specification
- Consistent manufacturing process provides reliable, high-performance parts



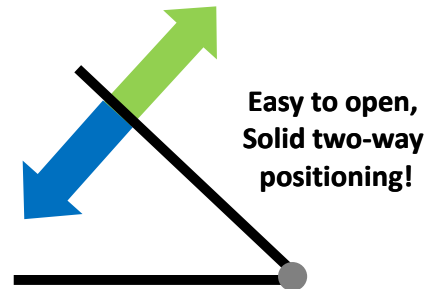
ReellTorq technology is **scalable** providing a wide range in torque values and part sizes to meet a variety of applications

Torque Profile Options

Reell motion and position control products are available in different torque profiles

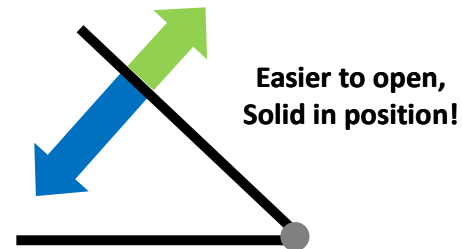
Selecting the correct torque profile is important to providing the best user experience

Reell application engineers are available to help you choose the best torque profile for your application



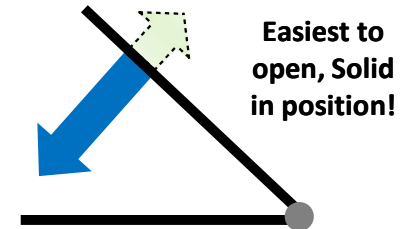
Symmetric
Same resistance in both directions

Smooth quality motion, with sure positioning in both direction.



Differential
60% resistance in opening direction

Easy to open, with the same smooth quality motion and solid positioning.



One-Way
Near zero resistance in opening direction

Very easy to open, with solid downward positioning.

Catalog Product Portfolio



Friction Hinges



Torque Inserts



Multi – Axis Position Control



Monitor Mounts

[View All Products](#)

Custom Solutions

In addition to a wide range of catalog products, Reell also offers custom engineered solutions

[Learn More about Custom Solutions](#)

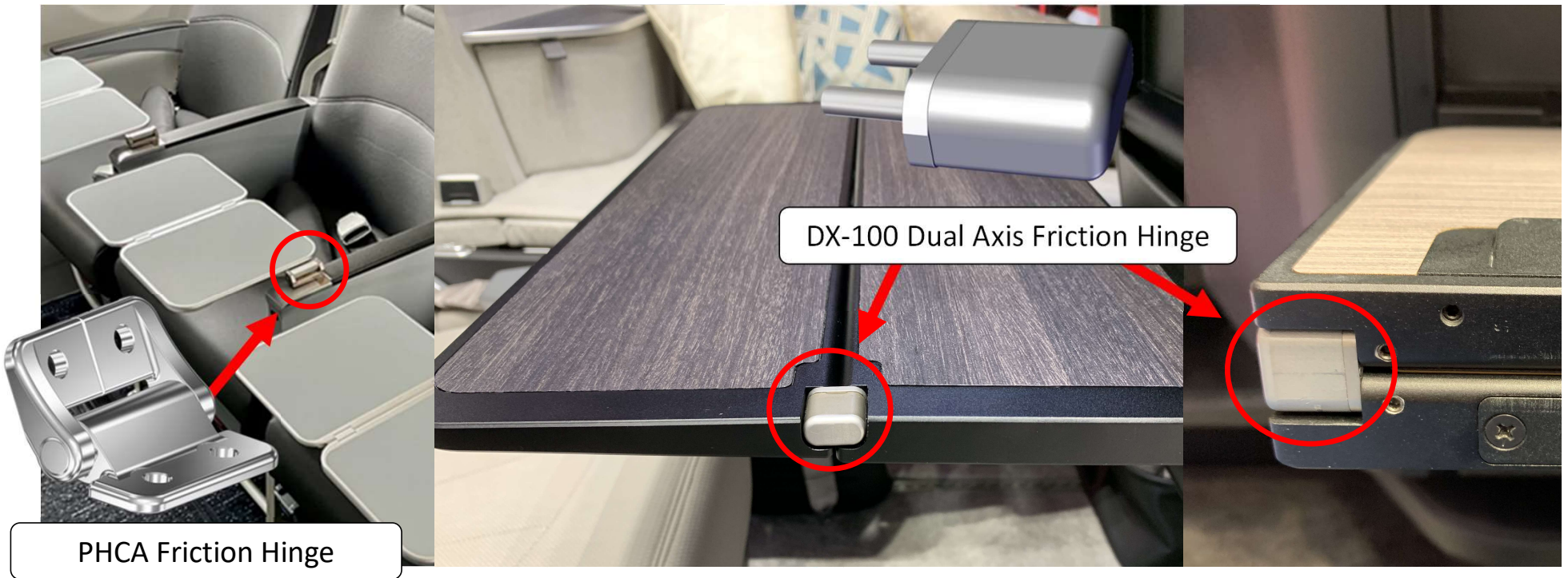
AIRCRAFT INTERIORS

Application Examples

Aircraft Interiors – Armrests & Headrests



Aircraft Interiors – Tray Tables



Aircraft Interiors - Adjustable Displays

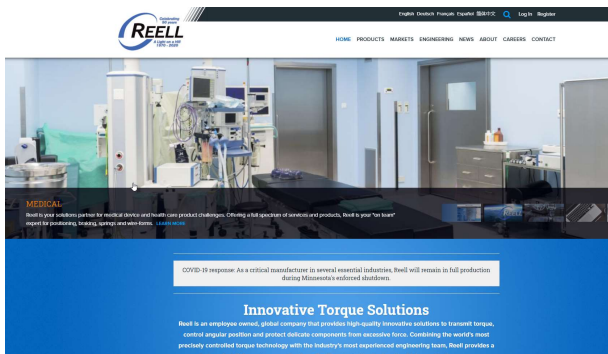


Aircraft Interiors – Storage Compartments

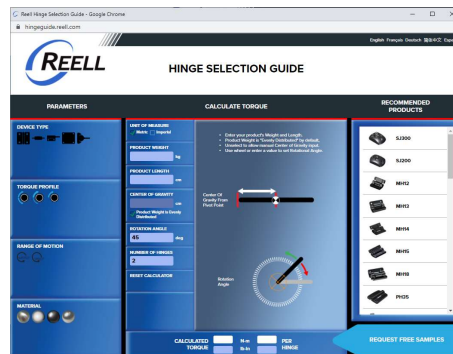


Contact Reell for innovative solutions to all your position & motion control needs

Website



Hinge Selector Guide



Transportation Solutions

