

PA Series

**CONSTANT
TORQUE
HINGE**



REELLTORQ®



Stocker's PA Series hinge is perfect for your larger applications, has a full 360° rotation and is designed for long life. This hinge is designed to provide a smooth feel of quality and consistent torques of 3.89 - 24.69 lb-in (0.44 - 2.79 N-m) are available to meet many of your needs.

Applications

- Office Equipment
- Medical Cabinets
- Computer Peripherals
- Access Panels
- Industrial Enclosures
- Equipment Guards
- Toolboxes
- Store Fixtures

Design Characteristics

● **Hinge Functions**

The PA Series hinge is designed to provide constant torque throughout its full range of motion. It is ideally suited to applications requiring the ability to hold an object at various positions.

● **Environment**

The PA Series hinge was designed to have corrosion resistance. Along with reducing the amount of springback, the housing improves the appearance of the hinge and protects the clip/shaft from harsh environments. O-ring seals provide additional internal contamination protection from moisture, detergents and solvents.

● **Performance**

- Torque tolerance $\pm 20\%$ of nominal
- Springback typically $< 1^\circ$ each direction
- Life of 20,000 cycles at speeds less than 100 rpm
- Ambient temperature range from -30°C (-22°F) to 60°C (140°F)

