SWS HARDWARE

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TRITECH Concealed Bearing High Performance Hinges - 100 x 76mm - Bronze (inc Screws)

Variant code: 1750.BB

The **TRITECH Concealed Bearing High Performance Hinge** is a premium **solid brass hinge** designed for demanding **heavy weight flush door** applications. Measuring **100 x 76mm**, this robust hinge combines high-quality construction with a **concealed bearing system** to provide smooth, dependable operation in high-use door installations.

Engineered to support substantial doors, the hinge offers a **weight carrying capacity of up to 160kg**. Its **high performance concealed bearing** design promotes smooth and consistent movement, while the solid brass construction provides the strength required for demanding commercial and architectural door applications.

Designed to be **maintenance free**, the TRITECH hinge helps reduce ongoing servicing requirements while maintaining dependable long-term operation. It is supported by a **25-year performance guarantee**, with **security bolt and radius corner options** available to accommodate different door and installation requirements.

Product Features

- **High performance concealed bearing hinge**
- **100 x 76mm** hinge dimensions
- Manufactured from **solid brass**
- Designed for **heavy weight flush doors**
- **Weight carrying capacity up to 160kg**
- **Concealed bearing system** for smooth operation
- Designed to be **maintenance free**
- Backed by a **25-year performance guarantee**
- **Security bolt option** available
- **Radius corner options** available

Product Benefits

- **Up to 160kg weight carrying capacity**

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provides dependable support for heavy weight flush doors
- **High performance concealed bearing system promotes smooth and consistent door movement**
- **Solid brass construction provides a robust solution for demanding door installations**
- **Maintenance-free design** helps minimise ongoing servicing requirements
- Suitable for demanding **commercial and architectural door applications**
- **Security bolt and radius corner options** provide flexibility for different installation requirements
- **25-year performance guarantee** provides confidence in long-term performance

Technical Characteristics

- **Product Type:** Concealed Bearing High Performance Hinge
- **Material:** Solid Brass
- **Dimensions:** 100 x 76mm
- **Bearing Type:** High Performance Concealed Bearing
- **Weight Carrying Capacity:** Up to 160kg
- **Suitable For:** Heavy Weight Flush Doors
- **Maintenance:** Maintenance Free
- **Performance Guarantee:** 25 Years
- **Additional Options:** Security Bolt & Radius Corners Available

Applications

The **TRITECH Concealed Bearing High Performance Hinge** is designed for **heavy weight flush doors** in demanding commercial, public and architectural environments. Combining **solid brass construction, a high performance concealed bearing system and a weight carrying capacity of up to 160kg**, it provides a durable solution for high-use doors where **smooth movement, dependable support and long-term performance** are required.

Property	Value
Finish	Bronze
Load Capacity (kg)	160

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Overall Length (mm)	100
Thickness (mm)	3.5
Overall Width (mm)	76.2
Screws (Required Qty)	10
Screws (Gauge)	10
Screws (mm)	9.5 x 32
Knuckle Diameter (mm)	13