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> Dixon BH6 Brass Handle Assembly User Manual

Dixon BH6

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MODEL: BH6

Product Overview

This manual provides detailed instructions for the proper installation, operation, and maintenance of the Dixon BH6 Brass Handle Assembly. The BH6 is a durable brass handle assembly designed for industrial applications, specifically for use with 6-inch and 8-inch components with a 4-inch inner diameter.



An image showing the Dixon BH6 Brass Handle Assembly, a robust brass component with a key ring attachment on one end and a pin mechanism on the other, designed for secure coupling.

Safety Information

Please read and understand all safety precautions before using the Dixon BH6 Brass Handle Assembly. Failure to follow these instructions may result in injury or damage to equipment.

- Always wear appropriate personal protective equipment (PPE), such as safety glasses and gloves, when handling or installing the assembly.
- Ensure proper fit and secure connection before placing any system under pressure or beginning operation.
- Do not exceed the rated capacity or pressure limits of the assembly or any connected components.
- Inspect the handle assembly for any signs of damage, wear, or corrosion before each use. Do not use if damaged.
- Keep out of reach of children and unauthorized personnel.

Setup

Unpacking

Carefully remove the Dixon BH6 Brass Handle Assembly from its packaging. Inspect the component for any visible damage that may have occurred during shipping. If any damage is found, do not proceed with installation and contact customer support.

Installation

1. Identify the industrial components (e.g., hose fittings, valves) that require the handle assembly for connection. The BH6 is designed for components with a 4-inch inner diameter (ID) and is compatible with 6-inch and 8-inch component sizes.
2. Align the pin mechanism of the BH6 handle assembly with the corresponding holes on the component you wish to connect.
3. Insert the pin through the designated holes, ensuring a smooth and complete engagement.
4. Verify that the handle is fully engaged and the pin is securely seated, preventing any accidental disengagement during operation.
5. Gently test the connection to ensure it is firm and stable before applying pressure or beginning full operation.

Operating Instructions

General Use

The Dixon BH6 Brass Handle Assembly is designed for quick and secure connection and disconnection of industrial components, providing a reliable and efficient coupling solution.

Engagement and Disengagement

- **To Engage:** Align the handle with the mating part. Push the handle firmly to insert the pin through the corresponding holes until it locks into place. A secure connection will feel solid with no excessive play.
- **To Disengage:** Ensure that the system is depressurized and safe to disconnect. Pull the handle to retract the pin from the mating holes, then carefully separate the components. Never attempt to disengage under pressure.

Maintenance

Regular maintenance will extend the life and ensure the reliable performance of your Dixon BH6 Brass Handle Assembly.

Cleaning

Clean the brass handle assembly regularly with a mild detergent and water. Use a soft cloth or brush to remove dirt and debris. Avoid using abrasive cleaners, harsh chemicals, or wire brushes, as these can damage the brass finish and integrity of the component.

Inspection

Periodically inspect the handle assembly for any signs of wear, corrosion, cracks, or deformation, especially around the pin, hinge points, and the main body. Pay close attention to the integrity of the key ring and its attachment. If any significant wear or damage is observed, the assembly should be replaced immediately to prevent failure.

Lubrication

A light application of a suitable, non-corrosive lubricant to the pin mechanism and hinge points can help ensure smooth operation and prevent seizing. Consult with Dixon for recommended lubricants if unsure.

Storage

Store the handle assembly in a clean, dry environment, away from extreme temperatures, direct sunlight, and corrosive materials. Proper storage helps prevent premature wear and corrosion.

Troubleshooting

This section provides solutions to common issues you might encounter with your Dixon BH6 Brass Handle Assembly.

Issue	Possible Cause	Solution
Handle difficult to engage/disengage.	Obstruction, debris, misalignment, lack of lubrication.	Check for obstructions or debris in the pin mechanism or mating holes. Ensure components are properly aligned. Apply a light lubricant if necessary.
Handle appears loose or wobbly after connection.	Wear on pin or hinge points, incorrect component size.	Inspect the pin and the handle's connection points for wear. Ensure the handle is fully engaged. If excessive play is present due to wear, the assembly may need replacement. Verify component compatibility.
Corrosion on brass surface.	Exposure to moisture or corrosive substances.	Clean with a brass cleaner according to product instructions. For severe corrosion that affects structural integrity, replacement may be necessary.

Specifications

Key specifications for the Dixon BH6 Brass Handle Assembly:

- **Product Type:** Mechanical Components
- **Material:** Brass
- **Compatible Inner Diameter (ID):** 4 inches
- **Compatible Component Sizes:** 6 inches and 8 inches
- **Package Quantity:** 1
- **Approximate Package Weight:** 1.0 lbs (0.45 kg)
- **Country Of Origin:** United States
- **Approximate Package Dimensions:** 5 x 5 x 5 inches (12.7 x 12.7 x 12.7 cm)
- **Model Number:** BH6
- **Manufacturer:** Dixon
- **ASIN:** B007IV751Q
- **Date First Available:** March 9, 2012

Warranty Information

Dixon Valve and Coupling Company products are manufactured to high standards of quality and durability. For specific warranty terms and conditions applicable to your Dixon BH6 Brass Handle Assembly, please refer to the official Dixon Valve and Coupling Company website or contact their customer service department directly. Retain your proof of purchase for any warranty claims.

Customer Support

For technical assistance, inquiries about replacement parts, or any further questions regarding your Dixon BH6 Brass Handle Assembly, please contact Dixon Valve and Coupling Company directly. You can typically find contact information, including phone numbers and email addresses, on their official website. Please have your product model number (BH6) and any relevant purchase details ready when contacting support.

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Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question