

Perma-Tork[®] HB-12 Instruction Manual

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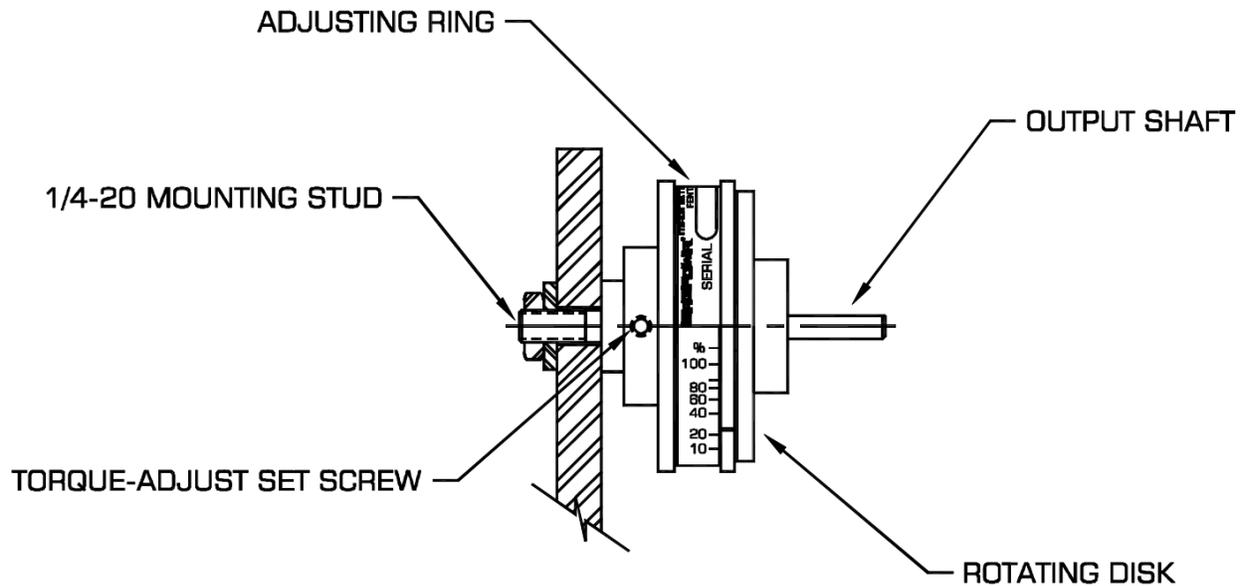
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Handling

Handle and install with care. This is a precision-assembled unit with close internal clearances. Magnetic materials used are brittle by nature. Avoid subjecting to shock loads. **DO NOT DROP.**

Installation

The HB-12 must be securely mounted to a bracket or plate using the 1/4-20 mounting stud as shown.



Overhung Load Capacity

Unit must be protected from excessive overhung loads. When coupling to a shaft, a flexible coupling must be used. The maximum recommended shaft side load is 1 pound. This load should be applied at a point within 1.0 inch from the rotating disk.

Adjusting Torque

Loosen the torque adjust set screw and rotate the adjustment ring to the desired setting. Tighten the set screw.

Cogging

With Hysteresis units, there can be a slight “memory” effect on the Hysteresis disc when changing from a high to a low torque setting. This can result in “magnet lobes” or detents, causing a minor cogging. It is correctable by rotating the output shaft slowly (25 to 250 rpm) while moving the adjustment from maximum to minimum.



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