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Perma-Tork® PB6

Instruction Manual

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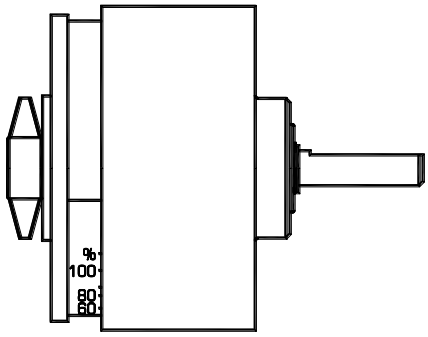
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Handling

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

Perma-Tork brake model PB6 is easily mounted to any permanent structure. Attach the brake to a frame using the bolt pattern as indicated.



Model	PB6
Bolt size	(3) 10-24 x 3/8 in. deep
Bolt circle ∅	1.75 in.
Spacing	120°

Overhung Load Capacity

The brake must be protected from excessive overhung loads. When installing in an in-line application, use a flexible coupling to allow for misalignment. When installing in a parallel shaft application, do not apply side loads on the Perma-Tork shaft that exceed 10 lbs (measured at the midpoint of the shaft).

Adjustment

For PB6 brake adjustment, simply loosen the wing nut and then adjust to the percentage of rated torque that is required. Re-tighten the wing nut to set the new torque level.

Maintenance

Properly installed, these units are designed to be maintenance free

Specifications

Temperature range	Operation: 0 to 40° C [32 to 104° F]	Storage: -30 to 80° C [-22 to 176° F]
Relative humidity	5 to 85 %	
Pollution degree	2 (IEC664-1)	
Altitude	0 to 2000 meters [6562 feet]	



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