

Perma-Tork® PB6 Instruction Manual

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Handling

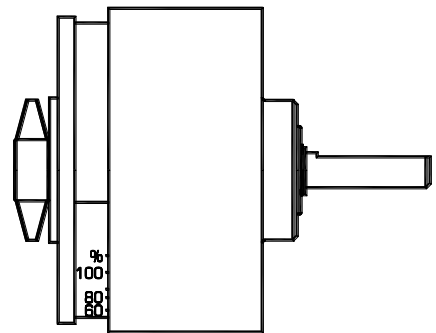
Handle and install with care. This is a precision-assembled unit with close internal clearances. Magnetic materials used are brittle by nature. **Avoid subjecting to shock loads. DO NOT DROP.**

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.

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).



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

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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