

BRAKE APPLICATION FORM #G060913

The following data is required to obtain the inertia (Wk^2 in LB-FT²) of the system which the brake is applied to.

NOTE: It is important to supply the inertia Wk^2 of the components in the system, such as the motor & gear reducer, etc. The inertia (given in LB-FT²) may be obtained by calling the manufacturer of the component.

Customer Information

Company _____ Contact Name _____
City _____ State/ Province _____
Phone : _____ Fax : _____

Motor Description

Frame Size _____ HP: _____ RPM: _____ Wk^2 (lb-ft²): _____
Voltage: _____ Phase: _____ Hertz:
Shaft Diameter: _____ Keyway Dimensions: _____
Manufacturer: _____ Phone : _____ Fax : _____

Gear Reducer and/or Other Component Description:

Type: _____ Shaft and/or Bore Diameter: _____
RPM: _____ Wk^2 (lb-ft²): _____ Keyway Dimensions: _____
Weight: _____ Size: _____ Manufacturer: _____
Reduction Ratio: _____ Phone : _____
Other: _____ Fax : _____

Load Description:

Speed of all Components: _____

Weight (lbs.) and velocity (feet per minute) of linear moving loads, such as conveyors, hoists, etc.. _____

Is there an overhauling load, such as a hoist, elevator, etc. If overhauling load is not vertical, what is the angle (in degrees)?: _____

Cycle rate (stops per minute) and hours per day the unit operates: _____

Desired stopping time (seconds) or distance (feet or inches): _____

Other considerations: _____

Brake Description:

Mounting: Horizontal Vertical above motor Vertical below motor Incline (all position mounting) Foot mounting bracket Adaptor

Environment: Dust Water Near sea or ocean Forced water Hazardous location-Specify class & group requirements