

BRAKE APPLICATION FORM

The following data is required to obtain the inertia (Wk^2 in LB.FT.²) 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.FT.²) may be obtained by calling the manufacturer of the component.

Company Name: _____ Date: _____

Address: _____

Contact Name: _____ Title: _____ Telephone Number: _____

MOTOR DESCRIPTION:

FRAME SIZE: _____	SHAFT DIAMETER IF DEVIATES FROM FRAME SIZE: _____
HP: _____	KEYWAY DIMENSIONS IF DEVIATES FROM FRAME SIZE: _____
RPM: _____	MANUFACTURER: _____
Wk^2 (LB.FT. ²): _____	MODEL NUMBER: _____
VOLTAGE: _____	SERIAL NUMBER: _____
PHASE: _____	PHONE NUMBER: _____
HERTZ: _____	FAX NUMBER: _____

GEAR REDUCER AND/OR OTHER COMPONENT DESCRIPTION:

TYPE: _____	SHAFT AND/OR BORE DIAMETER: _____
RPM: _____	KEYWAY DIMENSIONS: _____
Wk^2 (LB.FT. ²): _____	MANUFACTURER: _____
WEIGHT: _____	MODEL NUMBER: _____
REDUCTION RATIO: _____	SERIAL NUMBER: _____
SIZE: _____	PHONE NUMBER: _____
OTHER: _____	FAX NUMBER: _____

LOAD DESCRIPTION:

Speed of all components (RPM): _____

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:

Brake size dimensions are give in each individual operating and parts instruction manual (OIPM) see sales for copies.

Mounting: horizontal, vertically above motor, vertically below motor, incline (all position mounting), foot mounting braket required, adaptor

Environment: dust, water, near sea or ocean, forced water, hazerdous location class group , other

SKETCH: