

Agency Approvals

ISO 9001:2000 Certified

By British Standards Institute of America

CSA International (CSA^{®†})

Formally the Canadian Standards Association

CSA^{®†} sets safety standards for motors and other electrical equipment used in Canada. The motors that meet the CSA^{®†} standards display the CSA^{®†} logo on the nameplate.

Underwriters Laboratories, Inc. (UL^{®†})

UL^{®†} is an independent testing organization that sets safety standards for motors and other equipment. Emerson[®] and U.S. Motors[®] brand are UL^{®†} component recognized.

Conformité Européenne European Community (CE Certification)

Nidec Motor Corporation provides a full line of general purpose CE certified motors. The CE marking indicates that the product complies with the essential requirements for health, safety, environmental and consumer protection. The CE mark can only be placed on those products that comply with the applicable European Directive. For U.S. Motors[®] brand, the CE logo is currently applied to non-hazardous location motors rated 1000 volts or less, frame 180 through 449, Dripproof and Totally Enclosed Fan Cooled enclosures. Many Nidec Motor Corporation motors have the CE logo. For information on motors with CE logos, contact your Nidec Motor Corporation representative. Other motors within this catalog that meet CE requirements will be labeled and certified to meet CE.

UL^{®†} & CSA^{®†} Listings

NEMA Frame and Factory	UL ^{®†} File Numbers						CSA ^{®†} File Numbers		
	Motor Components (Non-Hazardous)	Insulation System	Hazardous Location	Fire Pump	Inherent Thermal Protection	Hazardous Location Conduit Box	Motor Components (Non-Hazardous)	Hazardous Location	Hazardous Location Conduit Box
56 to 250 Frame (Mexico)*	E51488	E46797	E10336	EX5189	E38946	N/A	191252	191252	N/A
5000 to 9600 Frame (Mexico)*	N/A	N/A	N/A	N/A	N/A	N/A	191252	N/A	N/A
5000 to 9600 Frame (Mena)*	N/A	N/A	N/A	N/A	N/A	N/A	191252	N/A	N/A
280 to 449 Frame (Mena)*	E51488	E46797	E10336	EX5189	N/A	N/A	191252	191252	N/A
280 to 449 Frame (Mexico)*	E51488	E46797	E10336	EX5189	N/A	N/A	191252	191252	N/A
5000 to 5800 (Mena)*	N/A	N/A	E10336	N/A	N/A	N/A	191252	191252	N/A
5000 to 5800 (Mexico)*	N/A	N/A	E10336	N/A	N/A	N/A	191252	191252	N/A
48 to 140 Frame (Mexico)	E22922	E37845	E29183	N/A	E10073	E154210	156060	156060	156060
IEC Motors	N/A	E68554	N/A	N/A	N/A	N/A	LR57008	N/A	N/A
e-LINE [®]	E51488	E46797	N/A	N/A	N/A	N/A	191252	N/A	N/A

*For details on VFD for these motors, refer to Suitability of IHP Motors on Variable Frequency Drives (VFD), page vii.

† All marks shown within this document are properties of their respective owners

