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Customer	Class	File Number
Shanghai Top Motor Co., Ltd. No. 303 Kangliu Road, Kangqiao Industrial Area Nanhui Shanghai China 201315	8811-81 ENERGY EFFICIENCY - MOTORS - Evaluated to U.S. Requirements-Three Phase Induction	224693

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Class Description

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Class Number	Description
8811-81	ENERGY EFFICIENCY - MOTORS - Evaluated to U.S. Requirements- Three Phase Induction

COVERAGE:

Three-phase induction motors rated one horsepower and greater.

REQUIREMENTS:

Department of Energy - Office of Energy Efficiency - 10 CFR 431 - Energy Efficiency Program for Certain Commercial and Industrial Equipment and Test Procedures, Labeling, and Certification Requirements for Electric Motors; Final Rule.

CSA Std CAN/CSA C390-93 Energy Efficiency Test Methods for Three-Phase Induction Motors

The following values are extracted from subpart C, Section 431.42 of DOE 10CFR 431.

Number of Poles Motor HP/std. KW equivalent	Open Motors			Enclosed Motors		
	6	4	2	6	4	2
1/0.75	80.0	82.5	80.0	82.5	75.5
1.5/1.1	84.0	84.0	82.5	85.5	84.0	82.5
2/1.5	85.5	84.0	84.0	86.5	84.0	84.0
3/2.2	86.5	86.5	84.0	87.5	87.5	85.5
5/3.7	87.5	87.5	85.5	87.5	87.5	87.5
7.5/5.5	88.5	88.5	87.5	89.5	89.5	88.5
10/7.5	90.2	89.5	88.5	89.5	89.5	89.5
15/11	90.2	91.0	89.5	90.2	91.0	90.2
20/15	91.0	91.0	90.2	90.2	91.0	90.2
25/18.5	91.7	91.7	91.0	91.7	92.4	91.0
30/22	92.4	92.4	91.0	91.7	92.4	91.0
40/30	93.0	93.0	91.7	93.0	93.0	91.7
50/37	93.0	93.0	92.4	93.0	93.0	92.4
60/45	93.6	93.6	93.0	93.6	93.6	93.0
75/55	93.6	94.1	93.0	93.6	94.1	93.0
100/75	94.1	94.1	93.0	94.1	94.5	93.6
195/90	94.1	94.5	93.6	94.1	94.5	94.5
150/110	94.5	95.0	93.6	95.0	95.0	94.5
200/150	94.5	95.0	94.5	95.0	95.0	95.0

MARKING:

- submittor's identification;
- model designation or equivalent;

- complete electrical rating;
- date code or equivalent;
- quoted efficiency and the related load point;
- CSA Energy Efficiency Verification Marking; and
- CSA certification mark with the "US" or "NRTL" indicator.

The Verification Marking must be incorporated into the equipment rating plate or applied in the form of a separate label, which may be purchased from CSA.

LABEL

Stock No: 8-5409-783

Colour: White Background
With Black Print

/mkc

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