

(PREVIEW)

Indian Standard

THREE PHASE CAGE INDUCTION MOTORS SPECIFICALLY DESIGNED FOR IGBT CONVERTER SUPPLY— SPECIFICATION

1 SCOPE

The information in this standard applies to three-phase, Low and medium voltage (up to 690 V), squirrel-cage induction motors, specifically designed for use with Insulated Gate Bipolar Transistor (IGBT) converters. The frame sizes covered are up to 400 frame.

2 REFERENCES

The following standards contain provisions, which through reference in this text, constitute provisions of this standard. At the time of publication, the editions indicated were valid. All standards are subject to revision and parties to agreements based on this standard are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below:

<i>IS No.</i>	<i>Title</i>
325 : 1996	Three-phase induction motors (<i>first revision</i>)
1231 : 1974	Dimensions of three-phase foot-mounted induction motors
2223 : 1983	Dimensions of flange mounted ac induction motors
4728 : 1975	Terminal markings and direction of rotation for rotating electrical machinery
8223 : 1999	Dimensions and output series for rotating electrical machines
12065 : 1987	Permissible limits of noise level for rotating electrical machines
12075 : 1987	Mechanical vibration of rotating electrical machines with shaft heights 56 mm and higher-Measurement, evaluation and limits of vibration severity
15880 : 2009	Three phase induction motors when fed from IGBT converters -Application guide