

(PREVIEW)

Indian Standard

SINGLE PHASE SMALL a.c. ELECTRIC MOTORS FOR CENTRIFUGAL PUMPS FOR AGRICULTURAL APPLICATIONS — SPECIFICATION

1 SCOPE

This standard covers 2 and 4-pole single-phase a.c. electric motors for centrifugal pumps for agricultural applications for voltage up to and including 250 V and having output up to and including 1 500 W.

1.1 The following types of motors are covered:

- a) Capacitor start capacitor run,
- b) Capacitor start and run, and
- c) Capacitor start induction run.

1.2 This standard does not cover requirements of motors for submersible pumps.

2 REFERENCES

The standards listed in Annex A are necessary adjuncts to this standard.

ANNEX A

(Clause 2)

LIST OF REFERRED INDIAN STANDARDS

<i>IS No.</i>	<i>Title</i>	<i>IS No.</i>	<i>Title</i>
1231 : 1974	Dimensions of three-phase foot-mounted induction motors (<i>third revision</i>)	4728 : 1975	Terminal marking and direction of rotation for rotating electrical machinery (<i>first revision</i>)
1271 : 1985	Thermal evaluation and classification of electrical insulation (<i>first revision</i>)	6362 : 1995	Designation of methods of cooling of rotating electrical machines
1885 (Part 35) : 1993	Electrotechnical vocabulary: Part 35 Rotating machinery	7572 : 1974	Guide for testing single-phase a.c. and universal motors
3043 : 1987	Code of practice for earthing (<i>first revision</i>)	12360 : 1988	Voltage bands for electrical installations including preferred voltages and frequency
4691 : 1985	Degrees of protection provided by enclosure for rotating electrical machinery (<i>first revision</i>)	12802 : 1989	Temperature rise measurement of rotating electrical machines