SVENSK STANDARD SS-EN 50347

Fastställd	Utgåva	Sida	Ingår i
2001-09-28	1	1 (1+17)	SEK Område 2

Svenska Elektriska Kommissionen, SEK

Roterande elektriska maskiner – Märkeffekter och mått för trefas asynkronmotorer – Axelhöjd 56 till 315 och flänsstorlek 65 till 740

General purpose three-phase induction motors having standard dimensions and outputs – Frame numbers 56 to 315 and flange numbers 65 to 740

Som svensk standard gäller europastandarden EN 50347:2001. Den svenska standarden innehåller den officiella engelska språkversionen av EN 50347:2001.

Tidigare utgiven svensk standard SS 426 04 01, utgåva 3, 1980 och SS 426 04 02, utgåva 3, 1980, gäller ej fr o m 2004-03-01.

ICS 29.160.30

Denna standard är fastställd av Svenska Elektriska Kommissionen, SEK,
som också kan lämna upplysningar om **sakinnehållet** i standarden.
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EUROPEAN STANDARD **EN 50347**

NORME EUROPÉENNE

EUROPÄISCHE NORM July 2001

ICS 29.160.30 Supersedes HD 231 S1:1974

English version

General purpose three-phase induction motors having standard dimensions and outputs - Frame numbers 56 to 315 and flange numbers 65 to 740

Moteurs à induction triphasés à usage général de dimensions et puissances normales -
Désignation des carcasses entre 56 et 315 et des brides entre 65 et 740

Drehstromasynchronmotoren für den Allgemeingebrauch mit standardisierten Abmessungen und Leistungen -
Baugrößen 56 bis 315 und Flanschgrößen 65 bis 740

CENELEC

European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

Central Secretariat: rue de Stassart 35, B - 1050 Brussels

Ref. No. EN 50347:2001 E

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Foreword

This European Standard was prepared by the Technical Committee CENELEC TC 2, Rotating machinery.

The text of the draft was submitted to the Unique Acceptance Procedure and was approved by CENELEC as EN 50347 on 2001-03-01.

This European Standard supersedes HD 231 S1:1974.

The following dates were fixed:

– latest date by which the EN has to be implemented at national level by publication of an identical national standard or by endorsement	(dop)	2002-03-01
– latest date by which the national standards conflicting with the EN have to be withdrawn	(dow)	2004-03-01

1 Scope

This EN 50347 covers general purpose standard dimensioned three-phase induction motors for 50 Hz with rated voltages not exceeding 690 V for industrial purposes having dimensions selected from IEC 60072-1 in the range :

Frame numbers - shaft-heights : 56 mm to 315 mm
Flange numbers - pitch circle diameter of flange : 65 mm to 740 mm

It gives tables of fixing dimensions, shaft extension dimensions and output powers.

2 Normative references

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

EN 20273, *Fasteners - Clearance holes for bolts and screws*

EN 20286, *ISO system of limits and fits*

IEC 60034-7, *Rotating electrical machines – Part 7: Classification of types of constructions and mounting arrangements and terminal box position (IM Code)* (harmonized as EN 60034-7)

IEC 60072-1, *Dimensions and output series for rotating electrical machines - Part 1: Frame numbers 56 to 400 and flange numbers 55 to 1080*