

**BRAND INDIA ENGINEERING  
E-CATALOGUE**

Date: 18-01-2025

# Amber Engineering Enterprise

**Amber Engineering Enterprise, Survey No.  
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Amber Engineering Enterprise better known as Amber motors is engaged in manufacturing Single Phase and Three Phase A. C. Induction Motors, since 1973. Continuous search for excellence, adopting innovative ideas and strict adherence to quality and accuracy has and is still making Amber as one of the most trusted brand for Energy Efficient Electric motors. Helping its customers to use electric power effectively thereby increasing productivity with sustainability is strongly believed and applied at Amber. Amber is also renowned manufacturer of special electric motors and specially designed motors according to customized specifications. The high quality level, customized designs and years of experience ensure application-oriented drive solutions in accordance with individual customer requirements, which we can also manufacture in small series. Having our own R&D department and state of the art technical equipment enable numerous design variants and guarantee highest precision. An essential strength of Amber is it's outstanding manufacturing know-how and experience of over 50 Years in the same field. All essential electrical and mechanical motor components are manufactured in house. We are aware of the fact, that our economical targets can only be reached under consideration of environmental aspects, which are always handled in a gentle and responsible way.

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### Products Description

#### Electric Motors

##### Technical Details

3 Phase Cast Iron Enclosure: Range : 0.09 to 30 KW Frame : IEC 63 to 200L Poles : 2, 4, 6 & 8 Mounting : Foot (B3), Flange (B5), Face (B14) and combinations Protection : IP 55 Insulation : F Class Voltage : 415 V, 380 V, 220 V or as per requirement Frequency : 50 Hz/ 60 Hz or as per requirement Duty : S1 Enclosure : TEFC Ambient Temperature: 50°C Temperature rise: Class 'B' (80°C) Bearings : SKF Double Sealed Ball Bearings Service Factor : 1 to 1.15 3 Phase Aluminium Enclosure: Range : 0.09 to 3 KW Frame : IEC 63 to 100L Poles : 2, 4, 6 & 8 Mounting : Foot (B3), Flange (B5), Face (B14) and combinations Protection : IP 55 Insulation : F Class Voltage : 415 V, 380 V, 220 V or as per requirement Frequency : 50 Hz/ 60 Hz or as per requirement Duty : S1 Enclosure : TEFC Ambient Temperature: 50°C Temperature rise: Class 'B' (80°C) Bearings : SKF Double Sealed Ball Bearings Service Factor : 1 to 1.15 1 Phase Cast Iron Enclosure: Range : 0.37 to 1.5 KW Frame : IEC 90S to 112M Poles : 2,4 & 6 Mounting : Foot (B3), Flange (B5), Face (B14) and combinations Protection : IP 55 Insulation : F Class Voltage : 230 V, 110 V or as per requirement Frequency : 50 Hz/ 60 Hz or as per requirement Duty : S1 Enclosure : TENV,TEFC & DPFC Ambient Temperature: 50°C Bearings : SKF Double Sealed Ball Bearings Standard : IS 996 1 phase Aluminium Enclosure: Range : 0.37 to 1.1 KW Frame : IEC 90S to 100L Poles : 2, 4 & 6 Mounting : Foot (B3), Flange (B5), Face (B14) and combinations Protection : IP 55 Insulation : F Class Voltage : 230 V, 110 V or as per requirement Frequency : 50 Hz/ 60 Hz or as per requirement Bearings : SKF Double Sealed Ball Bearings Standard : IS 996

##### ITC HS Codes

850152

##### Certification/ Standard

ISO 9001:2008

##### Issuing Agency

Equalitas Certifications Limited

##### Date of Issue

21-09-2015

##### Date of Expiry

20-02-2018

##### End Use Sectors

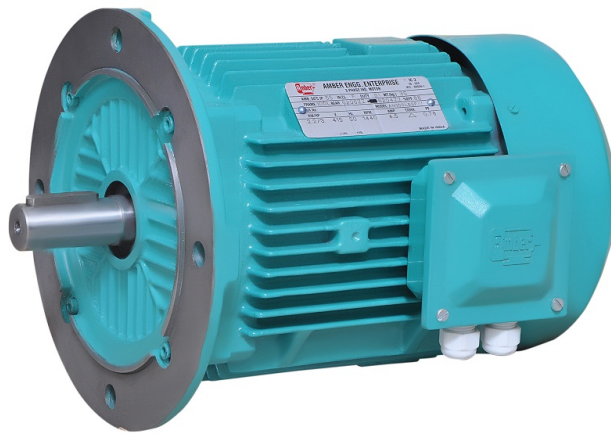
Machine Tools, Lathe Machines, Drill Machines, Milling Machines, Boring Machines, Trobe Machines, Gear Hobbing Machines, CNC Machines, Special Purpose Machines, Jewellery Machines, Textile Machines, Plastic Moulding Machines, Construction Machines, Compres

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Product Images



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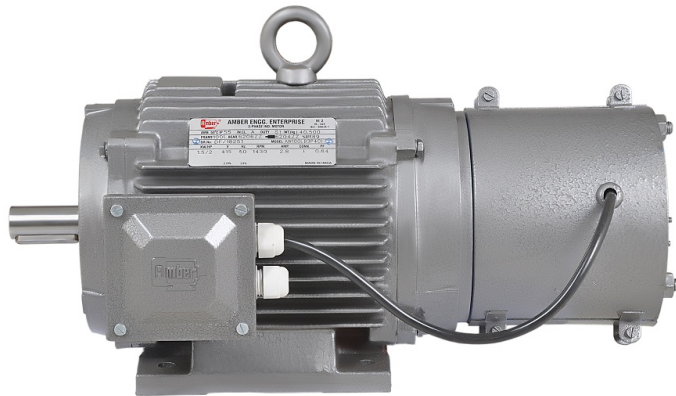


### Brake Motors

Technical Details	AC Brake Motors: Range : 0.09 to 30 KW Frame : IEC 63 to 200L Poles : 2, 4, 6 & 8 Mounting : Foot (B3), Flange (B5), Face (B14) and combinations Brake Torque ; Upto 400 Nm Protection : IP 54 Insulation : F Class Voltage : 415 V, 380 V, 220 V or as per requirement Frequency : 50 Hz/ 60 Hz or as per requirement Duty : S1 & S8 Enclosure : TENV & TEFC Housing Body : Cast Iron DC Brake Motors: Range : 0.09 to 30 KW Frame : IEC 63 to 200L Poles : 2, 4, 6 & 8 Mounting : Foot (B3), Flange (B5), Face (B14) and combinations Brake Torque ; Upto 400 Nm Protection : IP 54 Insulation : F Class Brake DC Voltage : 24, 190 or as per requirement Voltage : 415 V, 380 V, 220 V or as per requirement Frequency : 50 Hz/ 60 Hz or as per requirement Duty : S1 & S8 Enclosure : TENV & TEFC Housing Body : Cast Iron Brake Type: Fail Safe & Normally Off
ITC HS Codes	850152
Certification/ Standard	ISO 9001:2008
Issuing Agency	Equalitas Certifications Limited
Date of Issue	21-09-2015
Date of Expiry	20-09-2018
End Use Sectors	Cranes, Hoists, Industrial Lifts, Machine Tools, Casting Industries, Conveyors

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Product Images



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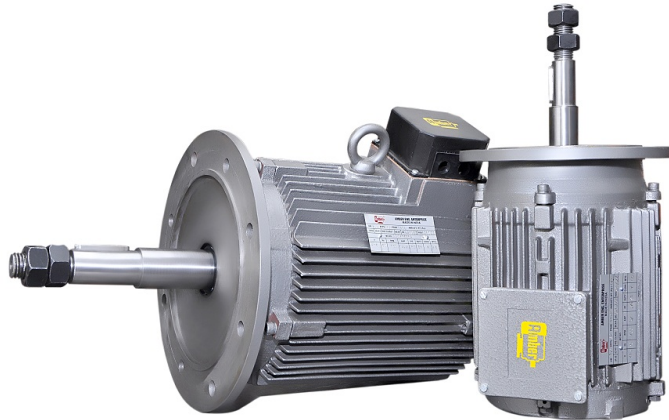
### Cooling Tower Motor

Technical Details	Range : 0.37 to 7.5 KW Frame : IEC 71 to 160M Poles : 6 & 8 Mounting : Flange (B5) or Foot (B3) Protection : IP 55 Insulation : B & F Class Voltage : 415 V, 380 V, 220 V or as per requirement Frequency : 50 Hz/ 60 Hz or as per requirement Duty : S1 Enclosure : TENV, TEFC Housing Body : Cast Iron Ambient Temperature: 50°C Bearings : SKF Double Sealed Ball Bearings
ITC HS Codes	850152
Certification/ Standard	ISO 9001:2008
Issuing Agency	Equalitas Certifications Limited
Date of Issue	21-09-2015
Date of Expiry	20-09-2018
End Use Sectors	Oil refineries, Petrochemical and other chemical plants, Thermal power stations and HVAC systems for cooling buildings

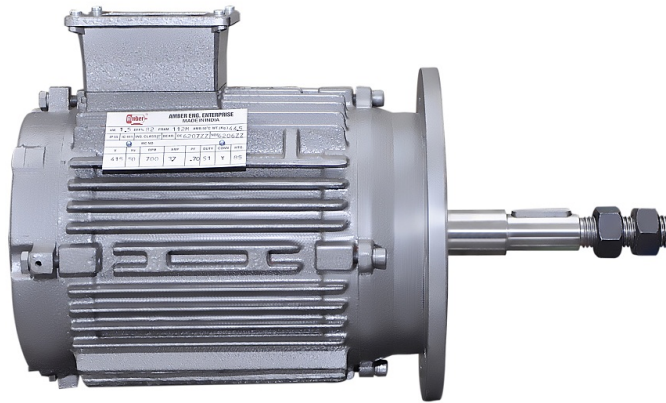
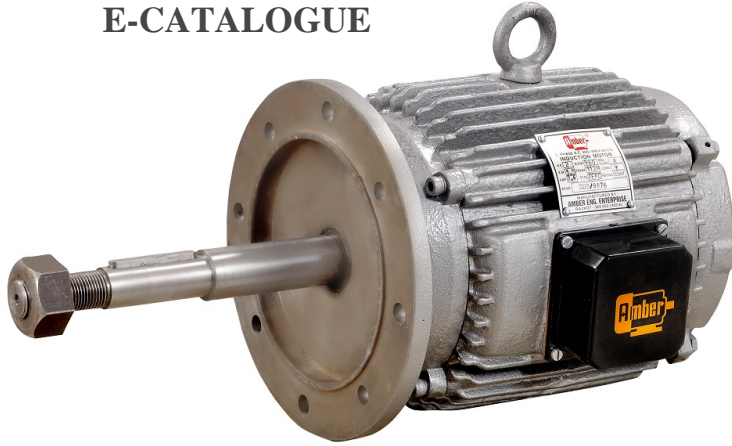


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Sectors of Interest	Electric Motors, Single phase motors, Three phase motors, Multi speed or Dual speed motors, Dual Voltage motors, Low voltage motors, Cooling Tower Motors, Torque Motors, Brake Motors, Vibratory Motors, Customized Motors, Abrasive Belt Grinding Machines, Bench Polishing Machines, Bench Grinding Machines, Swing Frame Grinding Machines
Is OEM Supplier?	Yes
Is After Sales Service Provider?	No
Importance of niche products	
Potential market of niche products	
Product Supply Record	
Patented Technologies	
Awards/Accolades	