



KIVI

INDUCTION MOTOR

3 Phase A. C.
Induction Motors
For Every Application

SPECIAL PURPOSE MOTORS

We can offer following types of
motors on request

- 1) Dual Speed Motors.....3000/1500,1500 / 720
RPM etc.
- 2) Brake Motors
- 3) Anti reverse hold back motors
- 4) Different Frequency/Voltages Motors
- 5) Hollow Shaft Motors
- 6) Any other special purpose Application motors

KAVITSU

Driving Industry with
technical perfection

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Induction Motors
For Every
Application



Manufactured by :

Kavitsu Machine-O-Elektriks

N-48/4, Additional MIDC, SATARA - 415 004

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KAVITSU motors is proud to use the IP55 Metric Motor line of rugged, all-purpose motors. The cast iron, totally enclosed fan cooled IP55 construction make this motor the preferred choice for almost any application in even the toughest environments.

- Lifts
- Cranes
- Saw Mills
- Fans, Blowers
- Value Actuators
- Material handling
- Granite/Marble/Stone Industries
- Textiles
- Fertilizers
- Agro Industry
- Machine Tools
- Stone Crushers
- Food Processing
- Pumps
- Flour Mills
- Pulverisors
- Gear Drives
- Compressors

STANDARD RATINGS :

2 pole 0. 18-15 KW
4 pole 0. 12-15 KW
6 pole 0. 18-10 KW
8 pole 0. 18-7.5 KW

STANDARDS :

Built to meet or exceed the IS Standards for dimensions and performance.

IS : 325 Performer
lance sions

IS : 1231 Dimensions
2223

IS : 4691 Degree of Protection Motors are confirming to IS specifications.

POWER SUPPLY :

For greater flexibility of application and increased safety margin our motors are suitable for 415+/-6%, 50Hz +/- 5%, combined variation allowed +/-10%,

AMBIENT TEMPERATURE :

-15 to 45° C is standard

SERVICE FACTOR:

These motors have a 1.15 S.F. at 50 Hz, typical for electric Motors, Duty class S1.

CONSTRUCTION :

The rugged Aluminum / cast iron constructor, the Frame, end - shields, integral feet and flanges absorb Shock and reduce motor vibration to provide a low-maintenance motor life.

STATOR WINDING & INSULATION :

The~stator core is built up from low loss, high permeability, silicon steel for increased efficiency it features a class F insulation system with design for B maximum temperature rise.

TERMINAL BOX :

The terminal box is of Aluminum / cast iron construction and is available on Top & Side.

ROTOR :

The rotor is built with the same high quality lamination steel, die cast with high conductivity EC grade Aluminum, Shrunk fit on to a high strength carbon-steel shaft. The Rotor assembly is dynamically balanced to provide low noise and smooth, vibration-free operation for long trouble free life.

BEARINGS:

All motors use 100,000 hours direct 25,000 hours belted, anti-friction, deep groove ball both end sealed bearing on drive end, tight fit.

COOLING METHOD :

IC0141 bidirectional cooling fan.

CONNECTION :

A Star-connection for up to 2.2 KW, delta-connection for 3.7 KW and above.

WARRANTY :

KAVITSU mortors are warranted to be free from defects in material, workmanship for a period of one year.



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