



# Dual Speed Motor



## Introduction Application

Amit Electricals manufacturing "Atlas" Make Dual speed Motor In year 1978 since Company establishment it in Our products range. Dual Speed motors specially design for Working in Two different speed. Designed for work in applications in which multiple speeds are required.

## Rang

We have wide production Range in Two speed motor

0.25 to 50 H.P. ( 0.18 to 37 K.w.)

Two speed motor are offer in 2/4, 2/6, 2/8, 4/6, 4/8, & 6/8 poles. (3000/1500, 3000/1000, 3000/750, 1500/1000, 1500/750 & 1000/750)

Dual sped motor available in single winding 2/4, 4/8, 4/6 and other pole in double winding. Two speed motor are suitable to 415+-5% 50 Hz+-3%. & combined +-6%. On customer request we are also able supply motor in 220, 380, 460, 525 volts on HZ. 50 or 60 Also

## Mounting

Dual speed motors are available in

- Foot      - Flange      - Face

## Frame

Dual speed Motor are supplied in a robust, rugged cast iron frame with integral feet. On Request we can supply motor in aluminum body up to 100 L frame.

## Insulation

All dual speed motor is supplied with 'F' class insulation but temperature rise restricted to 'B' class.

## Enclosures

Dual speed Motor IP-44 Protection as defined in IS: 4691. Dual speed Motors are also can be supplied with IP-54 and IP-55 on request.





# Dual Speed Motor

## Duty

Our dual speed Motor is suitable for: -

Continues duty (S1)

Short time duty (S2)

Intermittent periodic duty (S3)

Intermittent duty with Starting (S4)

## Insulation

Dual speed Motor supply with class F insulation as standard feature. Also supply H on request of customer.

## Shaff

Made from high carbon steel to provide exceptional Strength & rigidity to minimize deflection.

## Rotor

Rotors are of high-pressure E.C. Grad aluminum die-cast. Every rotor is dynamically balanced. Its make motor low amplitudes of Vibration & noise

## Bearings & Lubrication

Bearings are adequately lubricated with lithium based high temp up to 150 deg. All the Dual Speed motor are supplied with C3 ball bearing & fully charged with lithium base grease at the time of assembly.

## Earthing terminals

Motor provided with minimum two earthing terminals. One in the terminal box and other on foot.

## Paints

All motor are painted with semi glossy synthetic enamel paint. However sp. Paint is available on request.

## Applications

Dual speed motor are use in Many application which multiple speeds are required.

Pharmaceuticals, Crane, hoist, lift, construction, Chemical industries, Food equipment,

Ceramic industries Machine tools for different application.

We can also provide dual speed gear motor, dual brake motor.

## MANUFACTRING BY

**AMIT ELECTRICALS , AHMEDABAD, GUJARAT, INDIA**

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