

# PARANAA<sup>®</sup> MOTORS

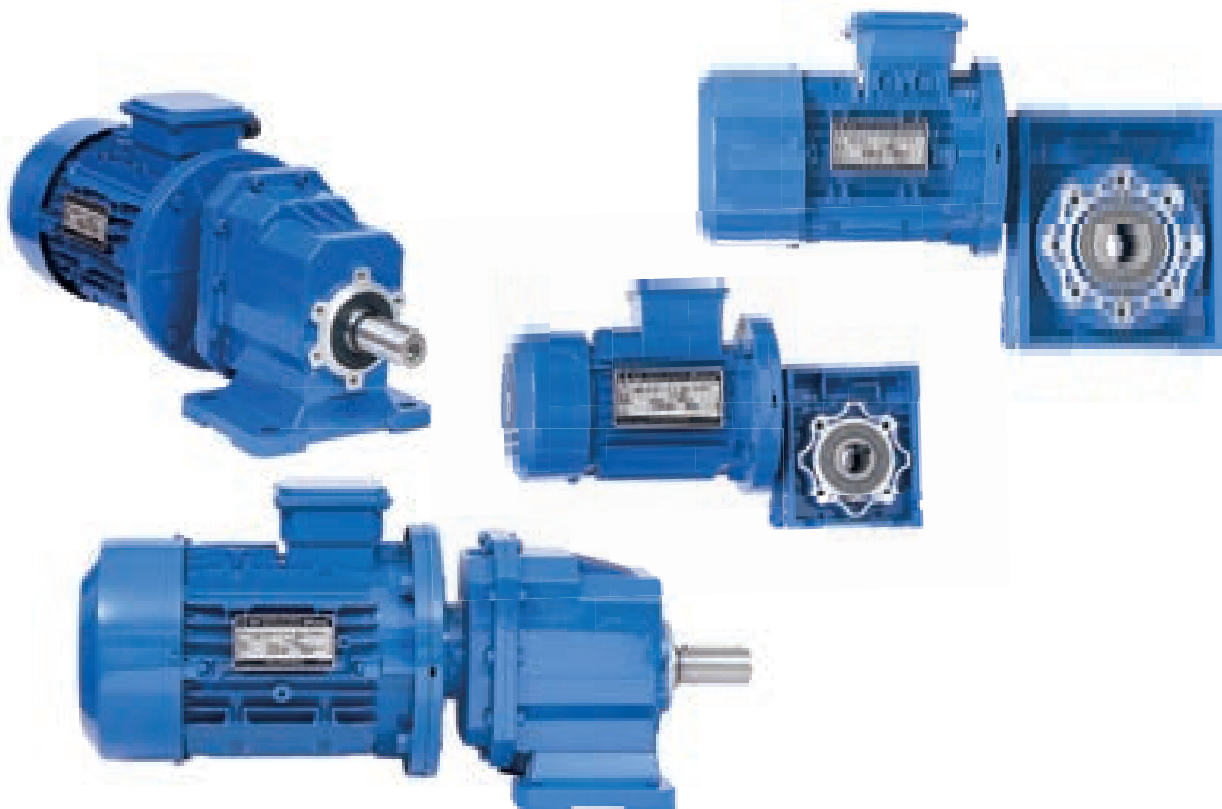
Cutting-edge Technology...  
Designed to Deliver...

Powered by Quality...  
Engineered for Excellence...

## GEARED MOTORS

### W, H & P Series

IE2 IE3



*Engineers Solution*

## 'Paranaa' Geared Motors – Modern ERA in Geared Motors

'Paranaa' Geared Motors are fitted with 'Paranaa' Energy Efficient TEFC Squirrel cage induction motors. All components of 'Paranaa' Geared Motors undergo strict quality control tests at various stages of production. The assembled units are finally tested for noise, oil and temperature levels resulting in robust, compact and smooth running geared motors with longer life and minimum maintenance.

### Quality Policy

"Asia Engineering is committed to satisfy the customer through Efficient Manufacture and timely supply of Products through involvement of Employees and Suppliers."

### Technical Overview

Frame Sizes	: 63 to 160 L
Output Range	: 0.18 kW to 15 kW 0.25 HP to 20 HP
Gear Types	: Worm / Helical / Planetary
Electricals	: 3 Phase, 415 V, 50 Hz, Class 'F' Insulation

### Gear Case

The gear cases and covers are made of superior grade cast iron / high quality aluminium alloy, light weight and non-rusting. The components are accurately machined with oil-tight and dust proof fitting. Our special housing design provides great amount of rigidity and noise absorption.

### Worm Shaft and Wheels

Worm shafts are made of special alloy steel hardened and profile ground to the highest standard. Worm wheels are made of stannum bronze alloy.

### Gears and Pinions

Gears and Pinions are of helical type designed for transmission of high torque with smooth running and maximum efficiency under extreme operating conditions. They are made of special alloy steel hardened and profile ground to highest standard.

### Shafts and Bearings

Output Shafts are made of high quality carbon steel accurately ground to close tolerance limit. Bearings are carefully chosen to ensure longer life, smooth operation and to withstand high fatigue and shock loads.

### Type of Load in Applications

- ❖ UNIFORM – Steady, No shock, small masses to be accelerated
- ❖ MODERATE – Irregular, moderate shocks, medium masses to be accelerated
- ❖ HEAVY – Irregular, violent shocks, large masses to be accelerated

Manufactured by :

## ASIA ENGINEERING

S.F. No. 328, Kalapatti Road, Coimbatore 641 048, TamilNadu, INDIA.

Phone : +91 422 2629630, 2629306, 6504306, 6464036 Fax : +91 422 2629414

E-mail : [motors@peindia.net](mailto:motors@peindia.net), [info@paranaamotors.com](mailto:info@paranaamotors.com) Web : [www.paranaamotors.com](http://www.paranaamotors.com)