

IS : 12615



CM/L : 6500059112
IE2 IE3
CM/L-6500069511



Best in class energy efficient motors



Motors & Pumps



1984
SINCE

1250+
PRODUCTS

1500+
HAPPY CUSTOMERS

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Best in class energy efficient motors



Stark group of companies was established by **Er. C. Muthusami** at **Coimbatore** in the year **1984** to manufacture electric motors.

ENERGY EFFICIENT,
POWER SAVING

MOTORS & PUMPS

Proven Quality & Performance



Our Mission

Supporting the vision statement by providing motors and pumps with class leading efficiency. Meet all and any of the customer's requirements in the field of Electric motors and pumps.



www.starkengg.com

Our Profile

Stark motors was established by **Mr.C.Muthusami** at **Coimbatore** in the year **1984** to manufacture electric motors. Initially we were engaged in the manufacture of small FHP motors later we grew from strength to strength and today we are one of the leading manufacturers of **single phase motors, NEMA standard motors, vibrator motors and motors suitable for Variable Frequency Drives (inverter application)**. Combining years of experience, we endeavour to offer innovative energy efficient products that help our clients achieve their business objectives. Our forte to deliver quality products gave us a repute & strong presence among large Indian companies throughout India.

Our Products



Single Phase Motor (0.18kw to 2.2kw.1440/2880rpm, 50/60cycles)

- Design and performance as per IS 996
- Pressure Die Cast Aluminium Rotors
- Totally enclosed fan cooled type
- Dynamically balanced for vibration-free
- 180-240 volts 50HZ power supply Operation
- Class F insulation
- Dou'ble shield SKF ball peanngs, factory lubricated for long service
- IP44/IP55 Protection
- High quality centrifugal switches
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- Special film wound capacitors
- Vacuum Impregnated, stators with an additional moisture proof coating

Three phase Motors

(0.18kw to 30kw . rpm- 370/500/720/960/1440/2880) (Volt- 42/48/110/220/380/415/670v)

- Rotors balanced with an accuracy of 1 gm
- IEC frame motors available upto 160
- Winding design takes care of excess heat generated
- Forced cooling on request
- Motors are with a S.F. 1.15
- Suitable for Speed up to 9000 rpm



(0.18kw to 2.2kw.1440/2880rpm, 50/60cycles)

- Opening roller motors(4kw 1440rpm suitable for SNOE, RNOE)
- Pneumofil motors (2.2kw /2880 rpm,for shanthi carding, DS m/CS)
- Ring frame(10,12.5,15,20,25,30hp/1440rpm)
- Over head cleaners, looms(3hp/2880rpm)
- Cone winding (2,3,5,7.5,10hp/1440rpm/3phase)
- Carding motors(2hp/960rpm, 5hp 960rpm, A class available on request)
- Reeling motors(0.5hp /1440rpm)



Vibrators

(0.18kw to 11kw,in all 2,4,6,8pole combinations, C.F 180n to 80kN)

- SMV series of vibrator motors are specially developed for variable individual application to suit allworking environments.
- The vibrator motor develops centrifugal force from 5 kg (50 N) to as much as 6000 kg (60000 N).
- Higher and non standard rating vibro motors on request





Bench Grinders (0.8hp/single/threephase)

Features

- Compact and mechanically robust
- Conforms to IS 2538- 1963
- Economical in power consumption



Coolant Pumps

(0.1hp,170mm,40lpm) (0.25hp,170mm, 60lpm) (0.5hp,220mm,100lpm)(0.5hp,220mm,160lpm)

Features

- Dust and Splash-proof (IP 54) terminal box
- Triple Protection to prevent coolant ingress into the winding
- Position of conduit entry can be adjusted through every 90° by rotating the terminal box
- Relative Position of terminal box to coolant out-let can be adjusted through every 90° by rotating the body
- The mounting of the cover on to the terminal box is independent of mounting of the terminal box on to the motor
- Earthing bolts provided
- Sturdier shaft to prevent bending at pump end
- Aluminium impeller offers high resistance to abrasion
- Large passages prevent clogging of coolant
- Dynamically balanced rotor ensures silent and vibration free running
- Stator winding impregnated under vacuum to work in tropical climate
- Class 'F' Insulation
- High discharge with low power consumption

Brake Motors

(0.18kw to 22kw) ac/dc brake

Features

- | | |
|---------------------------|-------------------------|
| • Low rotor Inertia | • Low Power Requirement |
| • Manual Release | • Residual Free |
| • Adjustable Brake Torque | • Fast Switching Times |
| • Simple Wear Adjustment | • Simple Construction |

