

About us

With a glowing heritage of over 30 years, LHP is an established and recognised brand of Motors and Drives in India.

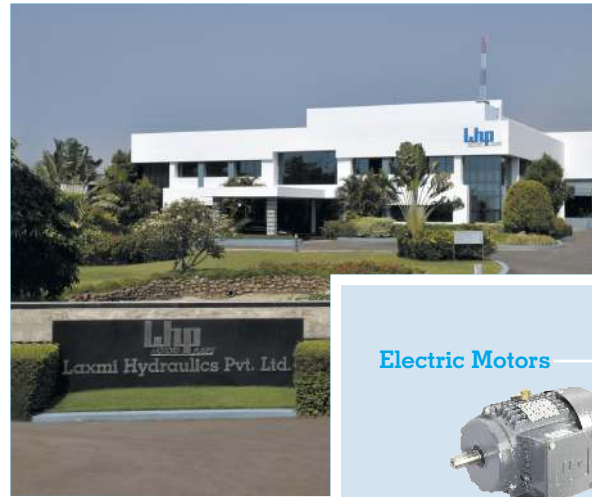
Our product offerings encompass a wide range of more than 4000 products, required in various industries.

The high-quality and most reliable LHP motors such as Flame-proof and Non-sparking motors have been working continuously and safely at various hazardous locations which are explosive and inflammable. High performance and safety are the two important features of these LHP motors.

With a strong R&D backbone, we undertake special developmental challenges for varied requirements.

Today, we are an acclaimed 'First Choice' of leading OEMs, multinationals and well-known companies in India.

With this, we are making news in the international arena and receiving wider acceptance from companies across the world.

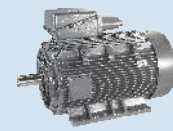


Product Range

Electric Motors



Induction Motors
Range : Up to 355L frame (315kW)



Energy Efficient Induction Motors
Range : Up to 355L frame (315kW)



Flame-proof Induction Motors
Range : Up to 315L frame (200kW)



Non-sparking Motors
Range : Up to 355L frame (315kW)



Inverter Duty Induction Motors
Range : Up to 315L frame (200kW)



Brake Motors
Range : Up to 250M frame (56kW)



Extended Shaft Motors
Special purpose custom-built motors



Roller Table Motors
Range : Up to 250L frame



Encoder Motors
Range : Up to 355L frame (315kW)

Power Gearmotors



EFF1 Energy Efficient Gearmotors
Range
Power : 0.12 to 30kW
RPM : 10 to 560



Custom-built Gearmotors
Range
Power : 0.04 to 7.5kW
RPM : 0.1 to 10



Helical Gearmotors
Range
Power : 0.12 to 45kW
RPM : 0.1 to 560

VFDs & Soft Starters



Variable Frequency Drives (VFDs)
Range : 0.20 to 800kW



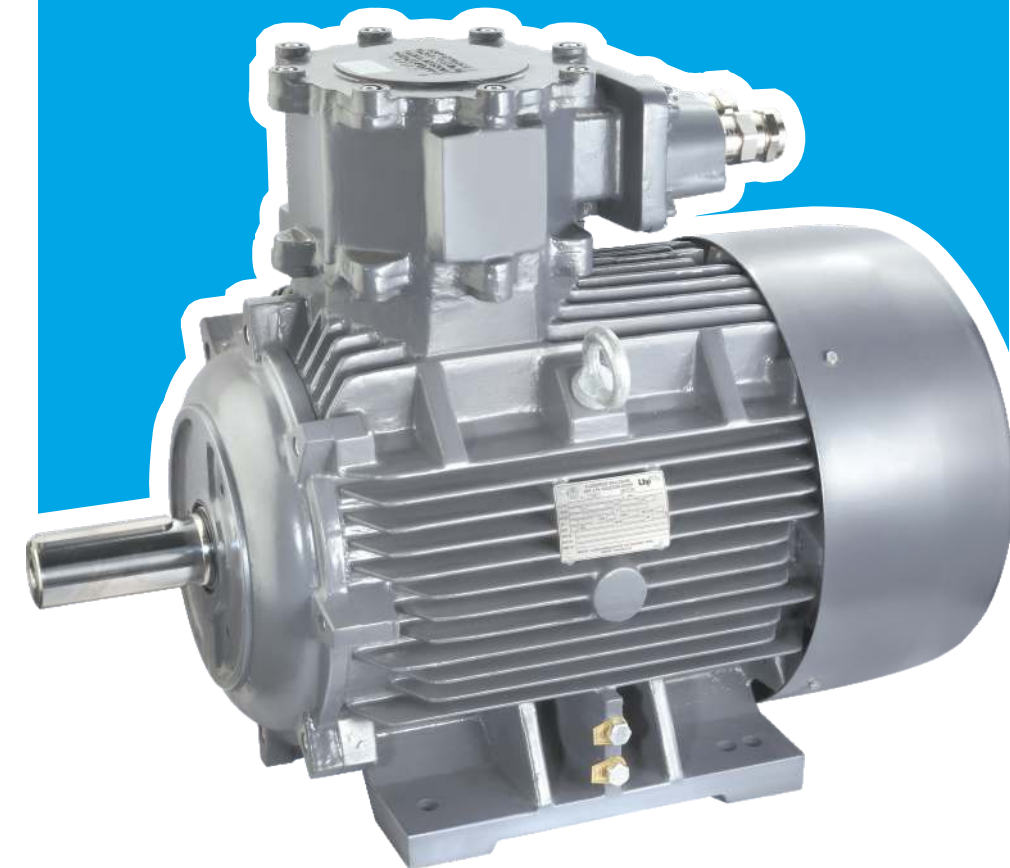
Soft Starters
Range : 15 to 500kW



Flame-proof Motors (Up to 315 L Frame)

Approved by

- Directorate General of Mines Safety (DGMS)
- Petroleum and Explosives Safety Organisation (PESO)
- BIS Licence No. : CM/L 7165673
- Certified by LCIE, France CE ATEX
- Tested by ERTL, Kolkata



Suitable for

➤ Coal mines ➤ Oil mines ➤ Petroleum refineries ➤ Gas Group IIC



Corporate office & manufacturing plant

National sales & marketing office



Laxmi Hydraulics Pvt. Ltd.

B-11, MIDC, Chincholi, Solapur - 413 255 INDIA
Tel. : +91 -217 -2357001 (5 Lines)
Fax: +91 -217 -2357006
e-mail: lhpindia@lhpmotor.com
www.lhp.co.in

Laxmi Hydraulics Pvt. Ltd.

A 502, G.O. Square, Wakad
Jagtap Dairy Road, Pune - 411 057
Maharashtra - INDIA
Tel.: +91 99214 88299 (Board)



Flame-proof Motors (Up to 315 L Frame)

**For use in underground coal mines, hazardous areas of oil mines
Zone I & Zone II**

Range : 1.1kW to 200kW (coal mines)
0.18kW to 200kW (oil mines)
RPM : 3000/1500/1000/750
Mounting : B3, B5, B14, B35, B34
Frame : 100 to 315L (coal mines)
71 to 315L (oil mines)
Protection : IP55
Insulation : F Class
Voltage : 550V / 415V ±10% (coal mines)
415V ±10% (oil mines)
Frequency : 50Hz ±5%
Suitability : Gas Group I (coal mines)
Zone I, Zone II (oil mines)

For petroleum refineries, petrochemical/fertiliser complexes, LPG/CNG, chemical/pharmaceutical plants, petrol pumps, LPG bottling plants

Range : 0.12kW to 200kW
RPM : 3000/1500/1000/750
Mounting : B3, B5, B14, B35, B34
Frame : 63 to 315L
Protection : IP55
Insulation : F Class
Voltage : 415V ±10%
Frequency : 50Hz ±5%
Suitability : Zone I of Gas Group IIB

Non-sparking Motors (Type 'nA')

For petroleum refineries, petrochemical and fertiliser complexes, LPG/CNG, fuel dispensing stations, LPG bottling plants

Range : 0.12kW to 315kW
RPM : 3000/1500/1000/750
Mounting : B3, B5, B14, B35, B34
Frame : 63 to 355L, eff1 & eff2
Protection : IP55
Insulation : F Class
Voltage : 415V ±10%
Frequency : 50Hz ±5%
Suitability : Zone II of Gas Group IIC

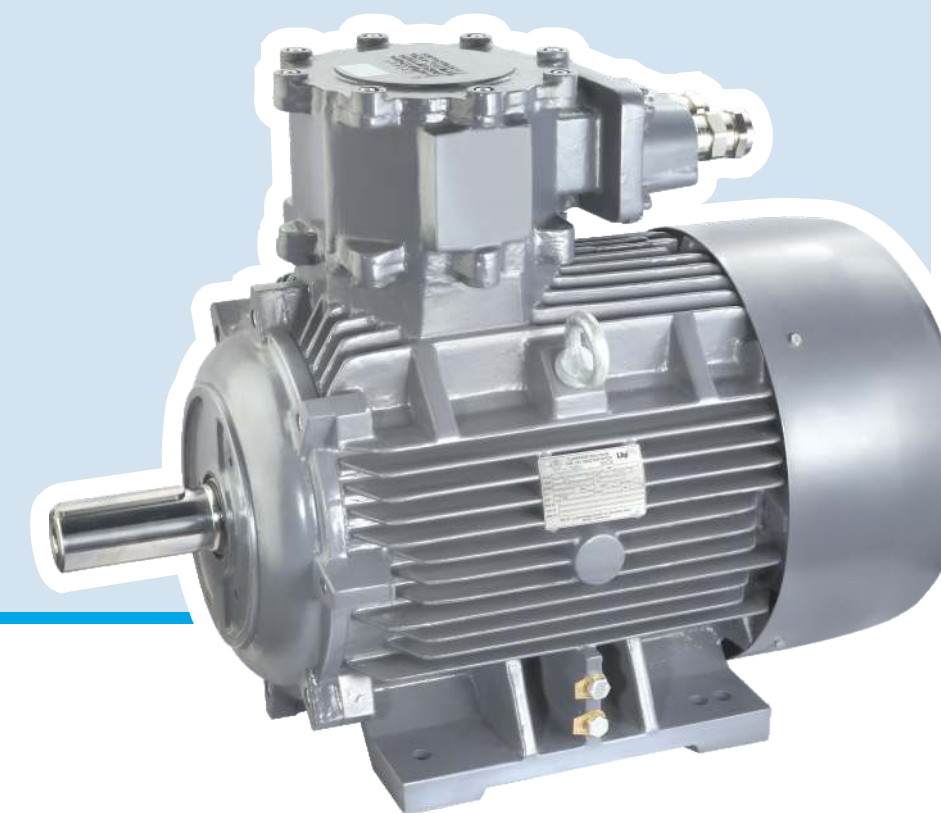
For use in potentially explosive atmosphere

Range : 120W to 1100W
RPM : 3000/1500/1000/750
Mounting : B3, B5, B14, B35, B34
Frame : 63, 71 & 80
Protection : IP65
Insulation : F Class
Voltage : 400V ±10%
Frequency : 50Hz ±5%
Suitability : Potentially explosive atmosphere
Directive : ATEX - 94/9/EC

For use in Gas Group IIC

Range : 0.12kW to 75kW
RPM : 3000/1500/1000/750
Mounting : B3, B5, B14, B35, B34
Frame : 63 to 250M
Protection : IP55
Insulation : F Class
Voltage : 415V ±10%
Frequency : 50Hz ±5%
Suitability : Zone I of Gas Group IIC

Note : Frame size 280S/M and 315S/M/L are under development.



Approved by

DGMS (Dhanbad)

- Coal mines - Flame-proof Ex 'd' (100 to 315L)
- Oil mines - Flame-proof Ex 'd' (71 to 315L)

PESO (Nagpur)

- Petrochemical/fertiliser complexes, petroleum refineries, LPG/CNG, chemical/pharmaceutical plants, petrol pumps, LPG bottling plants
- Ex 'nA'
- Group II C
- Flame-proof Ex 'd' (71 to 315L)
- Non-sparking Ex 'nA' (63 to 355L)
- Flame-proof Ex 'd' (63 to 250M)

CE ATEX (LCIE, France)

- Flame-proof (63, 71 & 80 frame)

BIS

- Licence No. : CM/L 7165673

