

# TerraGenix\* Induction Motors

Rugged Duty Water Management

## Applications

Mine Dewatering

## Benefits

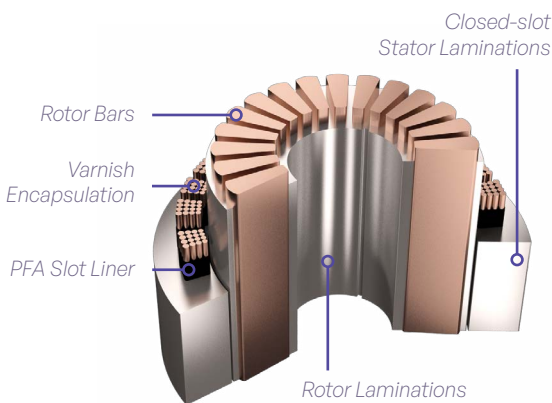
- Power and cost efficiency – ability to lift larger volumes from deeper depths
- Reliability through proven track record of long run life and thousands deployed

## Features

- Wide horsepower (HP) range availability to power 400, 538, 675 & 1100 series pumps
- Motor temperature rating of 392°F (200°C)
- Involute spline shafts provide maximum torque capability
- Optimized rotor conductivity and motor efficiency
- Locking rotor bearings (eliminates rotor bearing spinning)
- Compatibility with Viewpoint and other sensors for monitoring downhole parameters

Levare motors have been designed to achieve maximum reliability through an innovative design and rigorous performance testing in our Research & Technology Center. Proven results are the reason why globally Levare has more motors installed than any other vendor.

These motors can be used in 4.5" casing and larger and range from 20 to over 1,000 HP for the most demanding applications.



The Levare submersible induction motor is a hand-wound, two-pole, three-phase design that operates at a full-load speed of 3,500 rpm at 60 Hz.

High performance stator laminations and rotors improve efficiency ratings to reduce electrical losses and lower operating expenses.

A high temperature rating of 392°F (200°C) is based on a closed slot design with enhanced polyimide magnet wire insulation. The motor is filled with highly refined dielectric oil that provides bearing lubrication and thermal conductivity and fitted with involute spline shafts to provide maximum torque capacity.



## Available IM sizes and Horsepower Range

	HP	25	50	100	500	1000	1500
Operating Range	456 Series	20	400				
500 - 4,200 rpm	562 Series	60		1000			

\* mark of Levare International