



# Electric Submersible Pumps

FOR DEMANDING UNDERGROUND AND OPEN PIT DEWATERING

GE's high efficiency multistage centrifugal Electric Submersible Pumps (ESP) lift fluid from the deepest and toughest applications. GE's ESP is a high flow, high pressure pump with features that deliver long pump life, reduced downtime, increased production and lower operating costs in abrasive applications.

## ADVANCED PUMPING TECHNOLOGY...

Wide vane openings and the slotted sleeve and beveled bushing options enhance solids flow. Abrasion-resistant seals provide radial stabilization and reduce the vibration transmitted to the motor. The Lift PLUS AR model uses specialized TC (tungsten carbide) bushings and flanged sleeve bearing sets at predetermined intervals to allow the bearings to carry the impeller down thrust load. Radial-flow and mixed-flow design options provide some of the highest efficiency and head-per-stage ratings in their class. Improved rotor bearing design and an optimized shaped bar deliver higher efficiency and greater horsepower motors.

## DIFFERENTIATING FEATURES

- Abrasion resistant design
- Special radial support and down thrust protection
- Radial flow and mixed flow design options
- Motor design allows more copper in stator and rotor

## OPTIMIZED OUTCOMES

- Increased life & production and reduced downtime lowers overall operating costs
- Enhanced performance and extended run life in abrasive applications
- Highest efficiency and head per stage ratings in class
- Increased electrical flow capacity creates higher torque and HP potential

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