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IRON CORE DC MOTORS



The Premotec Iron core motors have a modular structure that allows the motor to be integrated with two gearbox types in ratios from 6 to 729:1. The use of plastic in these motors minimizes cost whilst giving high resistance to chemicals and corrosion. Reliability is maximized by using internal spark suppression. Metal-gear versions are available for higher torque versions. Below is a list of our iron core motor program.

Part numbers and the pdf files to come.



Using a large motor as a direct drive solution is seldom economic in terms of system efficiency and space. The use of gearing to adapt motor to load enables an optimized drive solution to be obtained. The most common gearbox types are spur and planetary. Spur Gearboxes are especially advantageous in applications requiring lowest input friction and highest gear efficiency.

Part numbers and the .pdf specification to follow