

Fluid Performance

Motor-driven pump systems represent 30% of all motors used in North America. Baldor Electric Company recognizes the



and API 547 compliant designs are available. ABB brand IEC metric motors are offered in standard or ATEX configurations for export or replacement on imported equipment through 100,000 Hp.

need for robust, energy efficient motors for this application and offers a wide range of motors for practically any pump application:

- 56J
- Close-coupled
- Explosion-proof
- Vertical P-base with solid shaft
- Submersible and immersible designs

...plus, an unlimited number of custom designs.

With medium voltage motor horsepower ratings to 15,000 and stock motor voltages in 115/230 and 230 for single phase and 200, 230/460, 460, 575 and 2300/4000 volt for three phase designs, there's a Baldor • Reliance® pump motor for your next pump system design or retrofit replacement need. For special applications and strict industry specification requirements, IEEE 841-2009, API 610, API 541

OEM pump manufacturers and pump assemblers will find a wide range of Baldor • Reliance stock and custom motor configurations to meet your specific application requirements. For OEMs that manufacture their own submersible pumps, Baldor can supply stator-rotor sets in many different frame sizes and ratings for low and medium voltage use.

All Baldor • Reliance motors are made in America and distributed through 32 stocking warehouses in North America, giving you the fastest stock motor delivery in the industry.

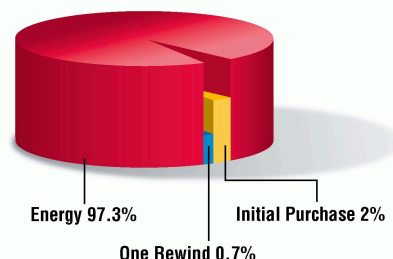
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Drive Down Your Energy Use

In a motor-pump system, the life cycle cost of the motor is about 2% of the total expense with electricity consumption comprising over 97% of the motors total cost. By upgrading to a Super-E® NEMA Premium® efficiency motor, substantial energy can be saved... immediately. Since most pump systems are oversized for worst case conditions and are operated well below that point, adding an adjustable speed drive to operate the motor at a lower speed (instead of using a valve) can, in most cases, save over 60% of the energy used.

Lifetime Cost of an Electric Motor



These applications can pay for the cost and installation of the drive in less than a year with rebates available from most utilities, while reducing energy consumption for many years afterwards. Both the U.S. Department of Energy and Natural Resources Canada accept Baldor's Super-E motors as an energy-saving upgrade.