

EPACT Rated Motor*

Offers high efficiency performance for impressive energy savings.

Closed-Loop Cooling Design

Avoids clogging and hot spots associated with pumped media cooling arrangements.

Spike-Resistant Windings

This feature permits the handling of voltage spikes associated with variable frequency drive applications.

Shaft and Rotor

Are dynamically balanced for reduced vibration to assure smooth operation and long service life.

Class H Rated Insulation System

Significantly extends motor life.

Moisture-Protection Probe

Provides constant monitoring and motor protection.

Long-Life, Tapered Roller Bearings

Support axial and radial thrust loads for superior bearing and seal life.

Heat Exchanger

Effectively transfers heat to keep the motor running cool.

Solids-Handling Size

Minimum 80 mm (3 in) spherical solids.

MSX Models

Are available in both wet-pit and dry-pit arrangements.

Easy-Access Terminal Chamber

Allows quick power connection - disconnection without entirely removing the pump from service.

Sealing and Cooling Oil

Are environmentally friendly to eliminate contamination concerns.

Circulating Impeller

Effectively circulates the cooling fluid within the closed loop system.

Silicon Carbide Seal Faces

In the lower mechanical seals provide durability and reliability.

High-Efficiency Hydraulics

Reduce energy consumption and operating costs.

Casing Wear Ring

Supplied in hardened stainless steel as a standard for extended casing life. Impeller wear rings standard on all 8-inch models and larger and available on 3- to 6-inch models.

High Overall Wire-to-Water Efficiencies

** First motor to meet U.S. Energy Policy Act's (EPACT) efficiency regulations.*

