## The More Rugged Frame Mounted Pump

## for the Applications the Require more

Shaft wear is minimized: Shafts are precision machined, designed for operation at 1800 or 3600 RPM.

Pump hot, tacky products: Type F External Balanced Seal with water cascading attachment – recommended for pumping tacky or hot products up to 212°F and for vacuum applications to 14" Hg. (Seal identical to Type D, but equipped with water cascade).

Smoother pumping performance: results from use of easy-to-clean, opentype backward curved impeller.

Select casings to meet individual requirements: Two types available. Volute (shown) is standard, or circular – both are available with enlarged inlet. Wide selection of port connections to meet most piping systems.

Extended bearing life is assured by oversized ball bearings and flush through lubrication. Overlubrication is eliminated. Grease is purged without takedown. Also available with oil lubrication.

Longer seal life and less downtime: Hyrdaulically balanced seal (Type D, DG, E and F Seals) reduces pressure at sealing surface, providing for less wear and greater efficiency. Select from standard or special seals to meet your pressure, temperature, or product requirements.

No takedown for cleaning: Unique groove-in-shaft design routes sanitizer to all critical areas for clean-in-place. No additional cost – built-in at factory. (Type D, DG, E and F Seals).

Pump takedown is easy, fast – no tools required: Casing is secured with quick-opening clamp. Impeller is centrifugally secured with a retainer pin.

Z M Technologies

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Out of the box thinking for better performance.