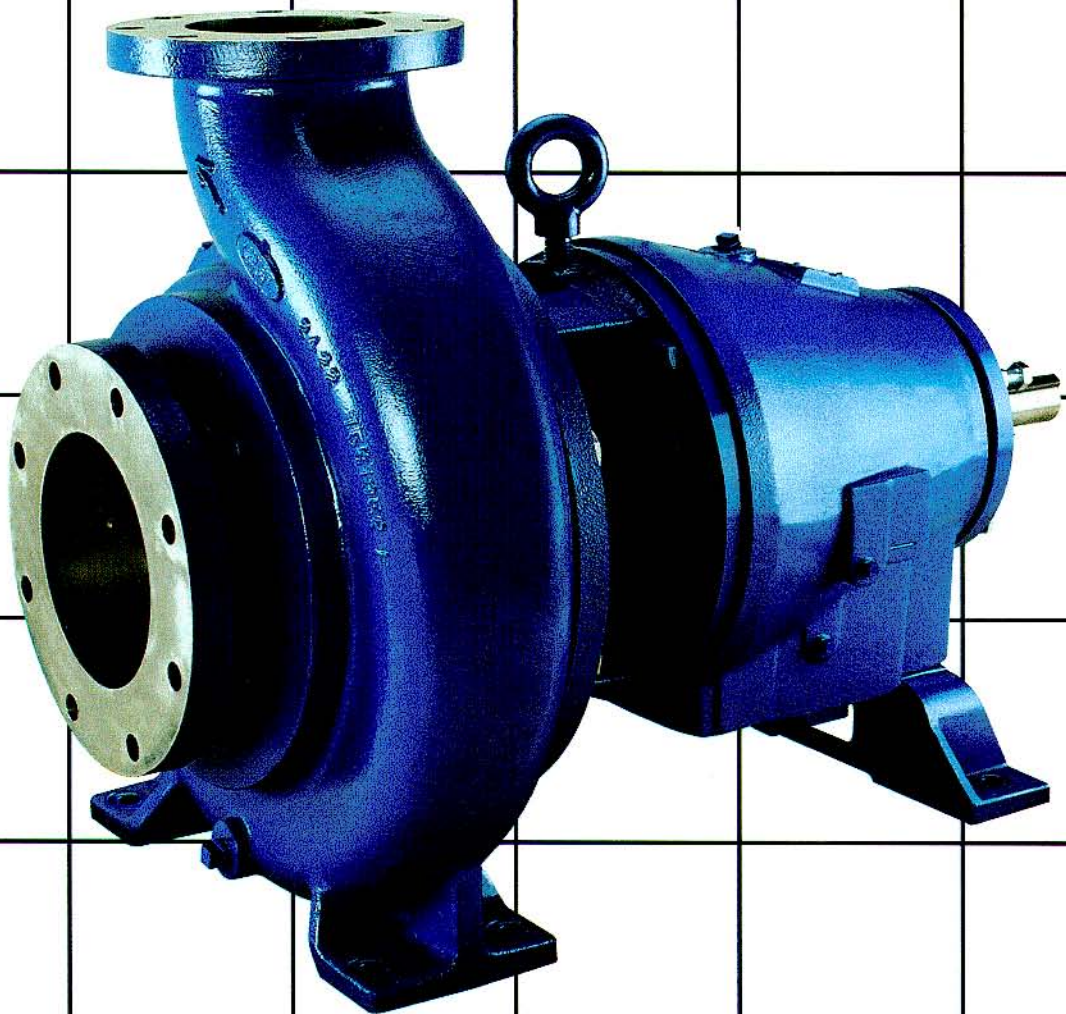


Peerless Pump Company

HEAVY DUTY INDUSTRIAL/
PAPER STOCK/SLURRY PUMP

Series 8175



Peerless® Process Pump Series 8175

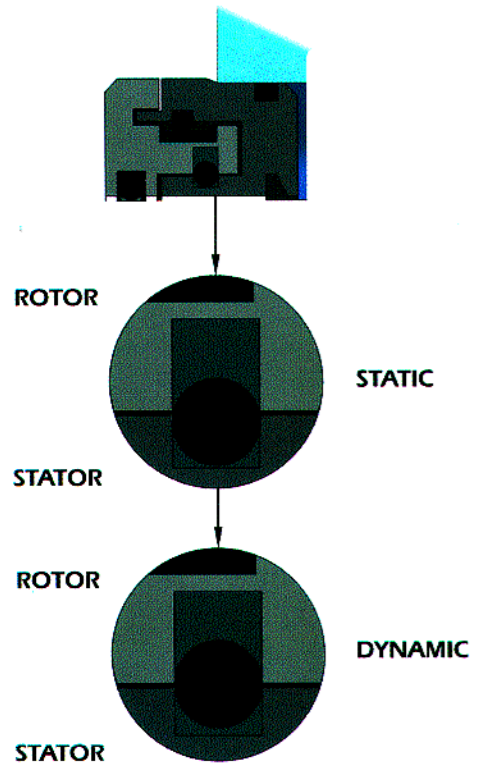


Multiple Impeller Designs: 2, 2/4, 4, 5, and 6 vane impeller designs are available to meet operating conditions from clear liquids to slurries up to 6% paper stock. Back pump out vanes minimize stuffing box pressure and entry of solids.

Shaft: Designed for minimum deflection at maximum load. Bearing and packing surfaces machined to less than 32 micro inches.

Heavy Duty Bearings: Radial and thrust bearings have high load capability. Bearings are sized for a minimum AFBMA B-10 life of 3 years.

Inpro VBX® Bearing Isolators: Labyrinth seals protect bearings from environmental contamination in both static and dynamic modes.



External Impeller Adjustment: Pump performance maximized through simple external adjustment of impeller clearance. Energy costs to operate pump are minimized.

Bulls Eye Sight Glass: One inch size for easy accurate monitoring of oil level and condition. Trico oiler available as an option.

Enlarged Oil Sump: Improves dissipation of heat for cooling of oil and bearings. Grease or oil mist lubrication available as options.

Replaceable Metal Stuffing Box Bushing: Minimizes infiltration of pumpage into the stuffing box. Extends shaft and sleeve life.

Vertical Centerline Discharge: Self-venting design, available with 150# or 300# flanges.

Power Plus Wear Extender™: Replaceable suction side plate minimizes maintenance costs. Pump life is extended and downtime is minimized.

Extra Casing Thickness: Extends operating life and intervals between maintenance.

Replaceable Shaft Sleeve: Simplifies maintenance. Hook-type sleeve is positively driven by impeller key and is free to expand with temperature changes.

Teflon O-Ring: Prevents leakage under the sleeve

Keyed and Bolted Impeller: Positively locks impeller to shaft. Prevents "back-off" during accidental reverse motor rotation. Teflon O-ring under impeller bolt prevents leakage of pumped fluid to the threads.

Dual Volute Casing: Minimizes radial load for 6X8-14 and larger units. Extends bearing, packing, and mechanical seal life.

All power ends carry a full 3 year warranty.