

SERIES 1000/1004

END SUCTION, CLOSE COUPLED



Datasheet

Features

Performance Curves

Single stage end suction pump and double suction with a standard, stainless steel impeller making it a cost-effective solution. Stainless steel impellers have a superior efficiency and increased application coverage with larger pump sizes and the tougher, stainless steel impeller will last longer on the job no matter what liquid is applied. The variety of liquids handled today has increased along with temperatures and pressures, which can add up to a shorter life span for a pump. This new option can withstand the chemicals commonly added to liquids today and the stainless steel is less likely to interact with those chemicals than similar bronze impellers.

Up to
280 ft.

Head

Up to
**1900
US GPM**

Flow

175 PSI

Max.
Pressure

300°F

Max.
Temperature

CASING

Impeller/volute matching minimizes volute losses. The advanced impeller has been carefully matched by computerized design and testing to a volute of superior design. The matching of internal pressures and velocities improves hydraulic efficiency, allowing the impeller to produce its certified design flow and head, thus minimizing wasted horsepower. The volute design has four casing positions available. Gauge tapings make measuring pump pressure differential easy.

MECHANICAL SEAL

Long-life mechanical seal is supplied with Viton elastomer, 303 stainless steel parts, carbon rotating washer and ceramic stationary seat. Pre-assembled on a bronze shaft sleeve to assure correct mechanical seal positioning and ease of servicing.

SHAFT

Slip-fitted, pin-locked bronze shaft sleeve extending through seal box prevents shaft wear and corrosion. Elastomer gaskets seal both the shaft sleeve and the impeller cap screw to prevent shaft corrosion and isolate shaft from pumped liquid.

IMPELLER

New, unique 8-bladed impeller with vastly improved flow hydraulics stabilizes flow and reduces turbulence. Manufactured by Vacuum-cast foundry process that provides smooth waterways and dimensional control not found in sand casting.

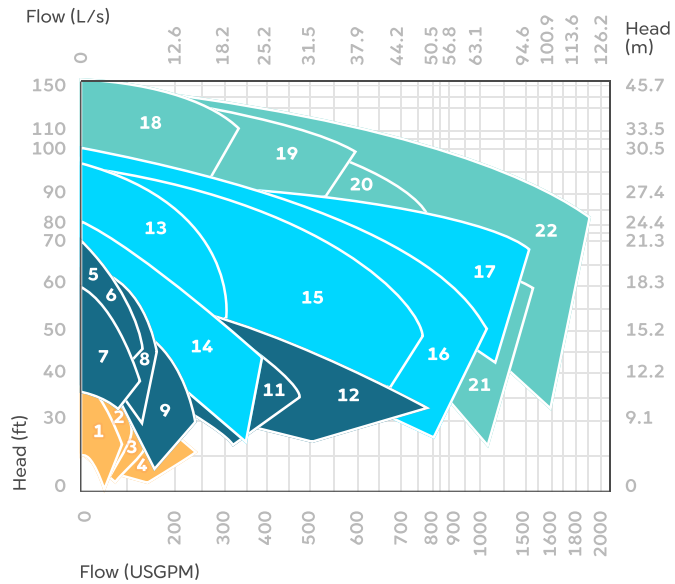
QUICK DISCONNECT

Back pull-out design allows maintenance without disturbing the piping.

Pump Models & Sizes

- 1 2x1-6
- 2 2x1.5-6
- 3 2x1.5-6
- 4 2.5x2-6
- 5 2x1-8
- 6 2x1-8
- 7 2x1.5-8
- 8 2x1.5-8
- 9 2.5x2-8
- 10 3x2.5-8
- 11 4x3-8
- 12 5x4-8
- 13 2.5x2-10
- 14 3x2.5-10
- 15 4x3-10
- 16 5x4-10
- 17 6x5-10
- 18 2x1.5-12
- 19 2.5x2-12
- 20 4x3-12
- 21 5x4-12
- 22 6x5-12

1750 RPM



3450 RPM

