

PACO LF
Centrifugal End Suction Pump

LESS POWER & HIGH EFFICIENCY





Introduction

PACO End Suction Pumps

Type LF: Frame Mounted

The PACO end suction, single stage pumps serve as the industry standard in performance, quality, and durability. The PACO line of pumps is the smart choice for a number of reasons:

- Low life-cycle cost.
- Compensated double-volute design for reduced radial load, minimized shaft deflection, and prolonged-shaft seal life and bearing life.
- Mechanical design for reduced maintenance and minimal downtime.
- Back pull-out design for easy maintenance and service.
- Wide range of sizes to meet precise application requirements.

An innovative pump and impeller design provides the highest operating efficiency and wide high efficiency performance range even if it reaches the off-design points.

Features and Benefits

Standard pump features

- High efficiency maintained over an extended operating range.
- Double-volute casings on models with high specific speeds.
- Dynamically balanced enclosed-type impellers.
- Mechanical seal or packing seal.
- Back pull-out design.
- Integrally cast suction splitter on flanged models.
- Low NPSH.

Optional pump features include

- Ductile iron volute, Bronze impeller.
- Special alloy shafts and sleeves.
- Special mechanical seals.
- TEFC or explosion-proof motors.
- Abrasive separators.
- Diesel engine drivers.

Applicable standards

- Design: ISO5199 / GB/T5656
- Testing: ISO9906-2012 / GB/T3216
- Dynamic balancing: ISO1940 G6.3

Application

L series pumps are designed for application such as these:

- Feed and drain water system.
- HVAC system.
- Firefighting system.
- Domestic water supply system

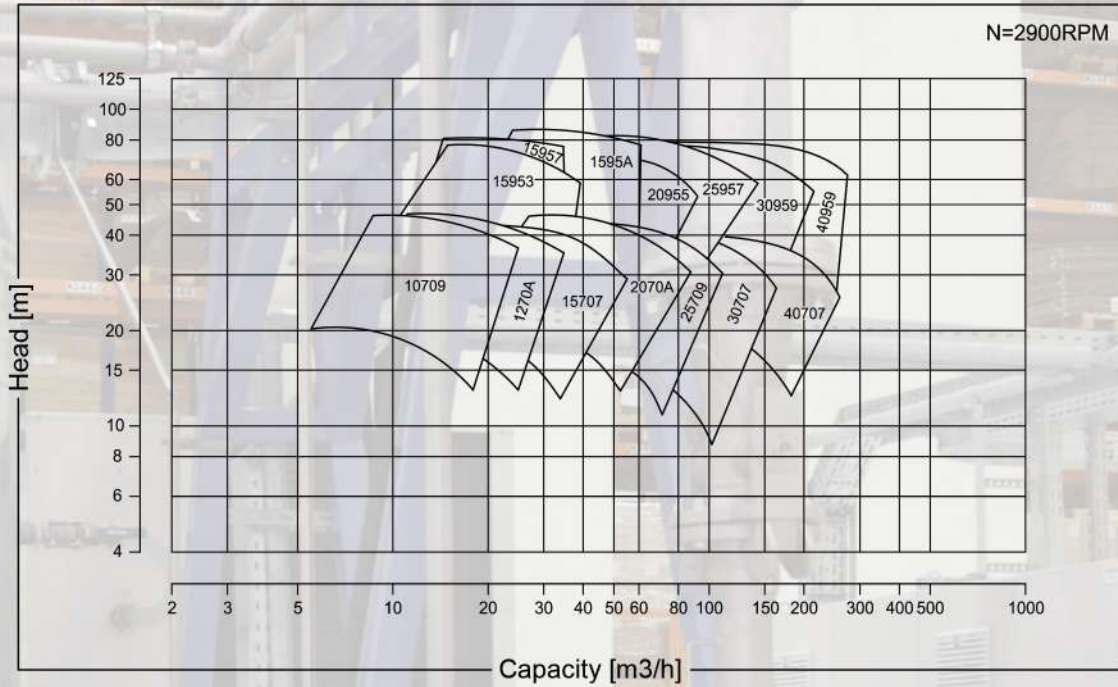
Type LF:

Bases are carbon steel. Bearings are greased for long life time and are maintenance free.

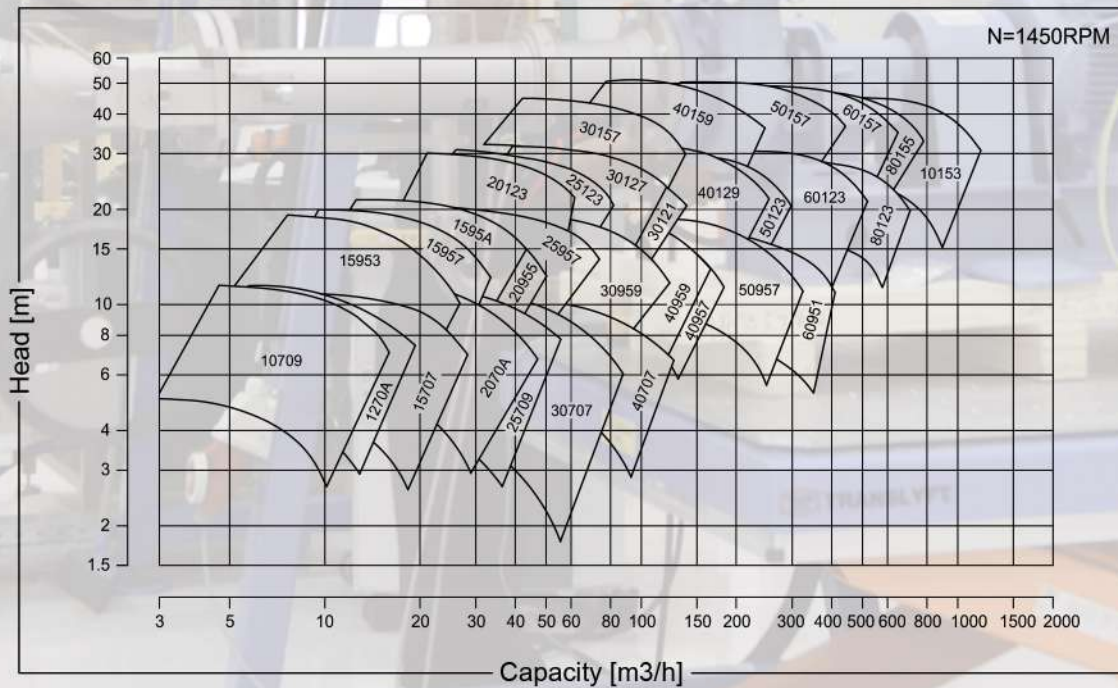


Performance Curves

LF 2-pole, 50 Hz



LF 4-pole, 50 Hz



0005