



Grundfos Series L LM/LP Models

In-Line, Single-Stage Centrifugal Pump and Motor Specification

Pump End:

The pump end shall be of the in-line, single-stage design with close coupled motor. The pump models shall be furnished as shown on the plans and installed in accordance with the manufacturer's recommendations. The pump shall be capable of delivering _____ gallons per minute (_____ cubic meters per hour) when operating at a total developed head of _____ feet (_____ meters). The pump shall be capable of operating continuously at temperatures from 5° F to 250° F (-15° C to 121° C) and working pressures of 175 PSI (12 Bars). Pump flanges shall be ANSI B16.1, 125 lb. flat face.

The pump housing, motor stool, and shaft coupling shall be constructed of close grained cast iron. The impeller, impeller seal ring, and pump shaft shall be constructed of stainless steel. The impeller shall be secured to the splined pump shaft end by means of a stainless steel lock nut and locking washer. The seal faces shall be of tungsten carbide/carbon, with other mechanical seal parts constructed of stainless steel.

Motor:

The motor shall be of the horsepower, voltage, phase and cycle as shown on the drawings. Motor design shall be:

- Open Drip Proof
- Totally Enclosed Fan Cooled
- Integrated Variable Frequency Drive without PI (Controller), Grundfos MGE, Type B
- Integrated Variable Frequency Drive with PI (Controller), Grundfos MGE, Type C
- Explosion Proof
- Wash Down
- Chemical Duty
- Other (specify) _____

With a NEMA C face design operating at a nominal _____ RPM with a minimum service factor of 1.15 (integrated variable frequency motor, 1.0 service factor). Lower motor bearings shall be adequately sized to ensure long motor life.

Options:

Steel base

Furnish Grundfos Series L models LM/LP or approved equal.



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