

# LM Water Pumps



## PROPELLER PUMPS

By Lykkegaard of Denmark

### Pump Features:

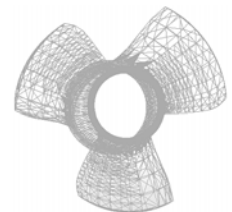
- Designed for very long lifetime, some last over 70 years before they are changed.
- High efficiency with optimised propeller for each specific flow rate and lift.
- Operation without any vibration.
- Vertical, horizontal, in-line and open version of building design, we meet your needs.
- Service intervals are normally each 5 or 10 year at fulltime duty, meaning 24 hours all days in typical water.
- World wide support and service network

### Pump Facts:

- 20 to 5200 l/s of flow
- 0,1 to 12 meter lift
- Cast iron body
- Cast iron pump casing
- St. 52 steel shaft
- Bronze propeller
- FAG ball bearing, top
- Cutless water lubricated, low
- Shaft seal can be avoided
- Easy to maintain
- Produced in other materials

### LM Pumps by Lykkegaard, Denmark:

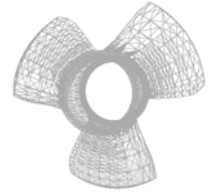
The company was founded in 1883 based on the interest for mechanics. Managing Director Karsten Lykkegaard, now represent fourth generation of the family owned company. We offer pump solutions that will run 24 hours every day, year after year.



- PUMPS & VALVES WORLD WIDE -

# LM Pumps

## Capacity summary, low lift propeller pumps



LM Pump type	:		
LM PR 100 mm	:	12 – 20 l/s	43 – 72 m <sup>3</sup> /h
LM PR 150 mm	:	15 – 35 l/s	54 - 126 m <sup>3</sup> /h
LM PR 200 mm	:	35 – 100 l/s	126 – 360 m <sup>3</sup> /h
LM PR 300 mm	:	100 – 250 l/s	360 - 900 m <sup>3</sup> /h
LM PR 350 mm	:	200 – 350 l/s	720 - 1260 m <sup>3</sup> /h
LM PR 400 mm	:	300 – 550 l/s	1080 - 1980 m <sup>3</sup> /h
LM PR 500 mm	:	500 – 750 l/s	1800 - 2700 m <sup>3</sup> /h
LM PR 600 mm	:	up to 1000 l/s	up to 3600 m <sup>3</sup> /h
LM PR 700 mm	:	up to 1500 l/s	up to 5400 m <sup>3</sup> /h
LM PR 800 mm	:	up to 2000 l/s	up to 7200 m <sup>3</sup> /h
LM PR 900 mm	:	up to 2500 l/s	up to 9000 m <sup>3</sup> /h
LM PR 1000 mm	:	up to 3000 l/s	up to 10800 m <sup>3</sup> /h
LM PR 1200 mm	:	up to 4500 l/s	up to 16200 m <sup>3</sup> /h

LM propeller pumps are flexible in the flow design and optimise the propeller shape towards each capacity requirement. That is done to have the minimum power consumption at the duty point for the pumps.

Please note that all LM pumps are individual calculated with regards to power consumption. That includes the resistance within the pump it selves, the suction and delivery resistance. These matters are marginal in most cases with centrifugal pumps, but with the low lift propeller pumps, this plays a central role of good economic.

The tolerances on all LM propeller pumps comply with the ISO 9906 grade 2 hydraulic standards.

We will suit your design!

Vertical Closed : Vertical Open : Horizontal In-Line : Vertical In-Line



- P U M P S & V A L V E S W O R L D W I D E -

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