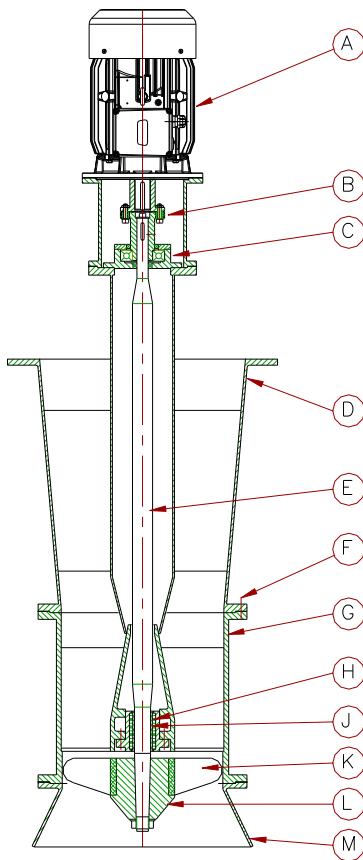


**LMPump FRESH**  
Vertical Open

Component, materials & treatment

**AQUACULTURE - FRESH WATER PRODUCTION**



<b>LMPump FRESH</b>		<b>FLOW THROUGH SYSTEMS</b>	<b>RAS RECIRCULATION SYSTEMS</b>	<b>BRACKISH WATER</b> Salinity 1-15‰ Max temp. 16°C
A	Motor, IE2 Standard Norm	Epoxy coated	Epoxy coated	Epoxy coated
B	LM Flex Coupling	Steel/cast iron Epoxy coated	Steel/cast iron Epoxy coated	Steel/cast iron Epoxy coated
C	Ball Bearing	Steel Lifetime lubricated	Steel Lifetime Lubricated	Steel Lifetime lubricated
D	Open outlet with flange	Steel Galvanized	Steel Epoxy coated	Stainless Steel AISI 316
E	Shaft	Steel CK45	Stainless Steel AISI 316/Duplex	Stainless Steel AISI 316/Duplex
F	Bolt parts	Stainless Steel	Stainless Steel	Stainless Steel
G	Pump Casing	Cast Iron Epoxy coated	Cast Iron Epoxy coated	Cast Iron Epoxy coated
H	Shaft bearing	Rubber Water lubricated	Rubber/carbide Water lubricated	Rubber/carbide Water lubricated
J	Bush for Shaft	Bronze	Stainless Steel AISI 316/Duplex	Stainless steel AISI 316/Duplex
K	Propeller	Bronze	Stainless Steel Duplex	Stainless Steel Duplex
L	Propeller Hub	Cast Iron Epoxy coated	Stainless Steel Duplex	Stainless Steel Duplex
M	Suction Bell	Steel Galvanized	Steel Epoxy coated	Steel Epoxy coated

**Epoxy Coating:**

**Colour code:**

**Water lubricated bearings:**

**Maintenance:**

**Ø200 pumps:**

**Ø300 pumps:**

**Ø400 pumps:**

**Other sizes:**

**Corrosion category C4 – High**

**Ral 9011 (Colour Gloss 80)**

**Always add water before starting the pump**

**We recommend exchange of bearing (C) after 25.000 hour**

**Volume 145-400 m3/h and max. head of 0.5 mWc**

**Volume 400-900 m3/h and max. head of 0.5 to 1 mWc**

**Volume 900-1800 m3/h and max. head of 0.5 to 1 mWc.**

**Contact Lykkegaard engineers for more information**

[www.lmpumps.com](http://www.lmpumps.com)

**Design options:**

**Various box- or pipe constructions can be added to the flange of the open outlet.**

**The shape of the conical outlet is customized in accordance with project requirements.**

**The length of shaft & shaft casing is extended in accordance with project requirement.**

**The suction bell can be extended with a supporting foot to fix pump at sump floor.**

**The suction bell can be equipped with an anti-vortec device.**

**The outlet can be equipped with various types of check valves.**