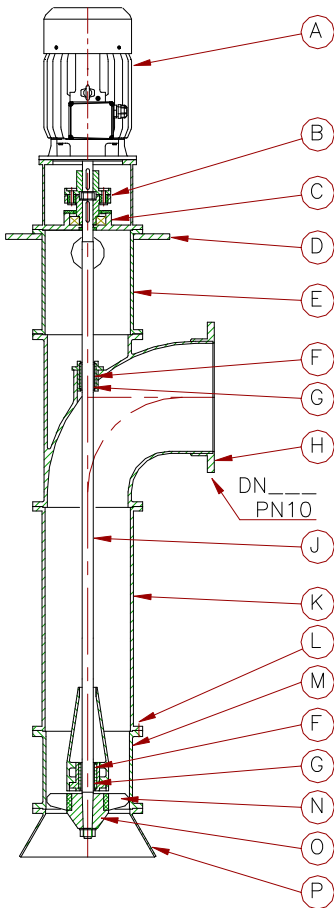


**LMPump FRESH**  
 Vertical Standard

Components, materials &amp; treatment

**AQUACULTURE - FRESH WATER PRODUCTION**


LMPump FRESH COMPONENTS	STANDARD	RAS SYSTEMS	BRACKISH WATER
	Flow Through Systems	Recirculated Systems	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 Support plate	Steel Galvanized	Galvanized (-if above water)	Stainless Steel AISI 316
E Pump body, steel over T-pipe	Steel Galvanized	Steel Epoxy coated	Steel Epoxy coated,
F Bearing Shaft	Rubber water lubricated	Rubber/carbide water lubricated	Rubber/carbide water lubricated
G Bush for Shaft	Bronze	Stainless Steel AISI 316/Duplex	Stainless Steel AISI316/Duplex
H T-Pipe cast iron DN___ PN10	Cast Iron Epoxy coated	Cast Iron Epoxy coated	Cast Iron Epoxy coated
J Shaft	Steel CK45	Steel AISI 316/Duplex	Stainless steel AISI316/Duplex
K Pump Body below T-pipe	Steel, Galvanized	Steel Epoxy coated	Steel Epoxy coated
L Bolt parts	Stainless Steel	Stainless Steel	Stainless Steel
M Pump House	Cast Iron Epoxy coated	Cast Iron Epoxy coated	Cast iron Epoxy coated
N Propeller	Bronze	Stainless Steel Duplex	Stainless Steel Duplex
O Propeller Hub	Cast Iron	Stainless Steel Duplex	Stainless Steel Duplex
P 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 4.0 mWc**
**Volume 400-900 m3/h and max. head of 5.0 mWc**
**Volume 900-1800 m3/h and max. head of 6.0 mWc.**
**Contact Lykkegaard engineers for more information**
**Design options:**
**Suction bell can be equipped with anti-vortex device and can also be extended with a support foot to fix pump at sump floor. If check valve is needed after the outlet, please look for LM Check Valves.**