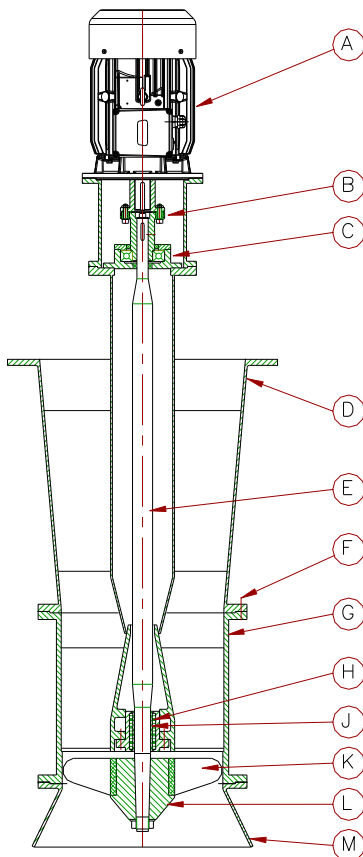


LMPump FRESH
 Vertical Open

Components, materials & treatment

INDUSTRY - FRESH WATER



LMPump FRESH COMPONENTS		STANDARD Option 1	EXTRA Option 2	BRACKISH WATER 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:
Corrosion category C4 – High
Colour code:
Ral 9011 (Colour Gloss 80)
Water lubricated bearings:
Always add water before starting the pump
Maintenance:
We recommend exchange of bearing (C) after 25.000 hour
Ø200 pumps:
Volume 145-400 m³/h and max. head of 4.0 mWc
Ø300 pumps:
Volume 400-900 m³/h and max. head of 5.0 mWc
Ø400 pumps:
Volume 900-1800 m³/h and max. head of 6.0 mWc.
Other sizes:
Contact Lykkegaard engineers for more information
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 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.