

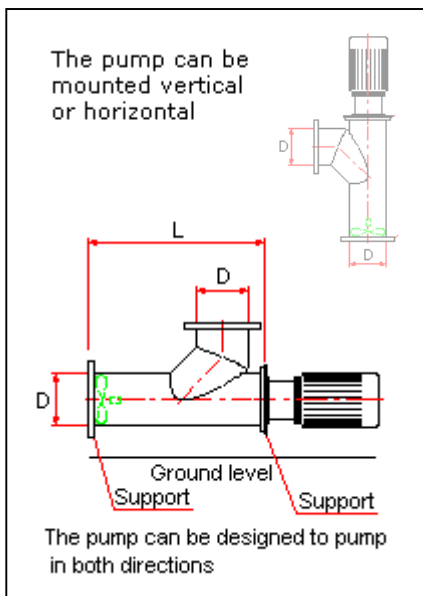
# LM Propeller Pumps

- in non-corrosive HDPE material variant -

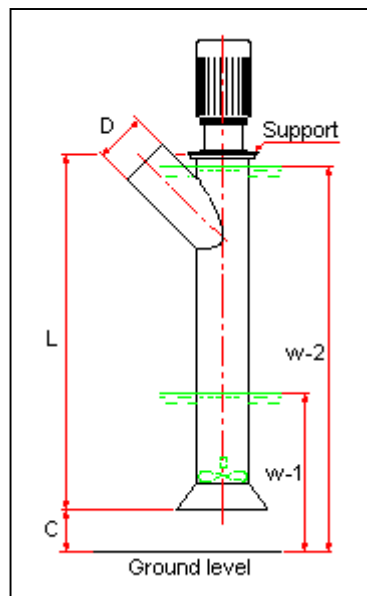
## Typical Technical Data / Shapes

Pump body	: HDPE High Density Polyethylene
Bolting in water contact	: Carbon fibre composite bolting (also used in aviation industry)
Shaft bearing in water	: Water-lubricated over the propeller
Shaft bearing over water	: Roller bearing, mounted to adsorb the HDPE movements
Shaft	: Duplex Stainless steel , AISI 904L (also used in off-shore industry)
Shaft seal	: Opposite mounted with Ceramic and Carbon in water contact only
Shaft seal alternative	: None! Made with special chamber seal, not for pressure
Propeller	: NiAlBz (also used as propeller on ocean going ships)
Propeller alternative	: Duplex Stainless steel , cast (also used in off-shore industry)
Motor-bracket	: Steel, warm galvanised with epoxy coated parts
Coupling	: Elastic coupling with LM low vibration bolting
Motor	: Standard IEC norm motor size, air cooled. (Coated on request)

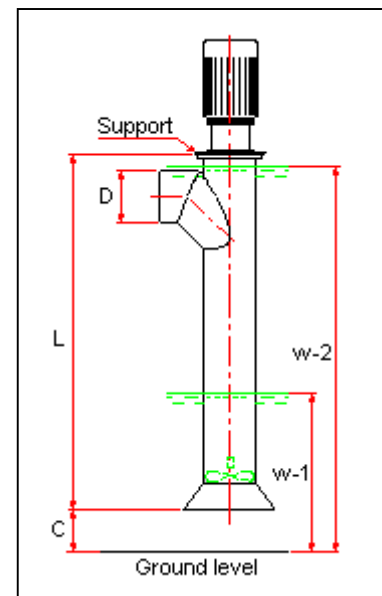
LM propeller pump, closed.  
**A:** In-line flanged.



LM propeller pump, closed.  
**B:** Vertical, 45 deg. outlet.



LM propeller pump, closed.  
**C:** Vertical, 90 deg. outlet.



Dimensions for	: Type
D outside pipe	: Diameter = from 200 to 1000 mm
L pump	: Length = from 1 to 3 meters
C clearance	: Distance = about 1 x D diameter
W1 water	: Minimum level = about 3 x D diameter
W2 water	: Maximum level = L less 200 mm