Lutz Aluminum Pump Tube

For neutral liquids

Sealless (MSL) or with Mechanical Seal (MMS)

Applications

The robust Lutz pump tube with mechanical seal or sealless is so designed that it can run dry; it is suitable for pumping non-aggressive, clean, thin-bodied and slightly viscous liquids out of drums and small or large containers.
The pump tube is non-lubricated, thus preventing contamination of the liquids pumped.

Structure and function (MMS-Alu)

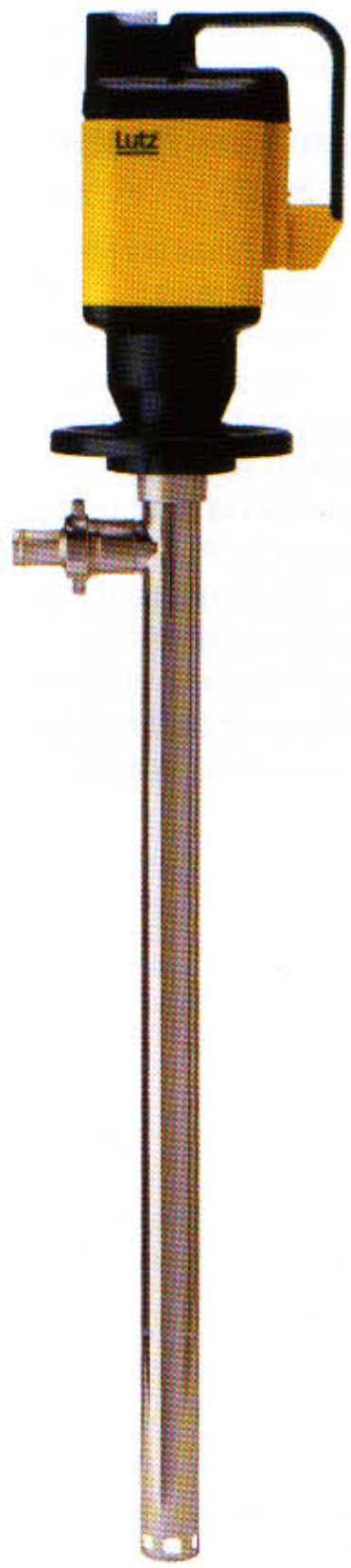
Lutz pump tubes are immersible centrifugal pumps.
The drive shaft of this pump tube is sealed by a single-acting mechanical seal (MS) and two shaft seals located behind it, making a robust sealing system.
The pump tube must not be allowed to run dry.

Structure and function (MSL-Alu)

Lutz pump tubes are immersible centrifugal pumps.
The drive shaft of this pump tube is not sealed. The bearing housing unit behind the impeller is designed to prevent pumped liquid from rising between the shaft and the inner tube. This device guides the liquid which penetrates between the drive shaft and the shaft bearing back into the container being drained.

Warning:

The drum and container pump **must not** be used for flammable liquids.



Picture shows:
Pump tube with motor B 55 T / MA II 5.

Type	MMS-Alu (Mechanical Seal)	MSL-Alu (Sealless)
Wetted parts		
Housing:	Alu, Stainless Steel (316)	Alu, Stainless Steel (316)
Seals:	Viton	None
Mechanical seal:	Carbon, Ceramic, Viton, Stainless Steel	None
Bearings:	Carbon	Carbon
Drive shaft:	Stainless Steel (316)	Stainless Steel (316)
Examples of liquids:	Thin-bodied and slightly viscous Mineral Oils, contaminated Oils, Cooling Lubricants, Vegetable Oils, Butylene Glycol, Diesel Fuel, Chlorodiphenyl, Fuel Oil, Ethereal Oils etc.	Thin-bodied and medium viscous Mineral Oils, Butylene Glycol, Diesel Fuel, Fuel Oil, Crude Oil, Phenol, Glycerine, Fatty Acid, Ethereal Oils, Linseed Oil, Paraffin Oil etc.
Type of impeller:	axial-flow (rotor) or radial-flow (L) Material: ETFE	axial-flow (rotor) or radial-flow (L) Material: ETFE

Immersion depths:

27", 39", 47"
Special immersion depths on request.

Note:
Axial-flow rotor for high delivery rate and low delivery head. Radial-flow impeller for low delivery rate and high delivery head.