

# Lutz Eccentric Screw Pump

Lutz HD-E



## The intelligent solution for the pumping of medium-viscosity liquids.

High efficiency, handy, low weight and easily disassembled for easy cleaning make the Lutz HD-E a practical drum pump system especially for medium-viscosity liquids.

It is suitable for pumping of acid and basic liquids, oils, used oil, waste disposal liquids, colours, foodstuffs, cosmetics and creams.

- ✓ light and compact
- ✓ simple and easily dismantled
- ✓ easy to clean
- ✓ suitable for continuous operation
- ✓ practical Lutz-hand wheel for motor separation and to carry
- ✓ smooth flow
- ✓ for thin and thick liquids
- ✓ constant volumetric flow

### Productdetail

#### Pump tube

#### HD-E



Category 1 / 2 (acc. to ATEX 100a)		no
Immersion tube diameter:	up to mm	41
Temperature of medium:	up to °C	100
Material:	Pump tube Stator	stainless steel (1.4571) PTFE
Hose connection:	Nominal diameter mm Outer thread	19-32 G 1 1/4
Length: 1000 mm	Order-No.	<b>0155-010</b>

#### Choice of motors

#### Operating data



Single phase motor			
Output:	0.55 KW	Delivery rate	up to l/min.
Voltage:	230 V	Delivery head	up to bar
Speed:	1500 1/min.	Viscosity	up to mPas
Protection class:	IP 54	Weight (kg)	Motor+ Pump tube
Order No.	<b>0155-032</b>		

for viscosities from 500 to 4000 mPas

## Materials (coming into contact with the pumped medium)

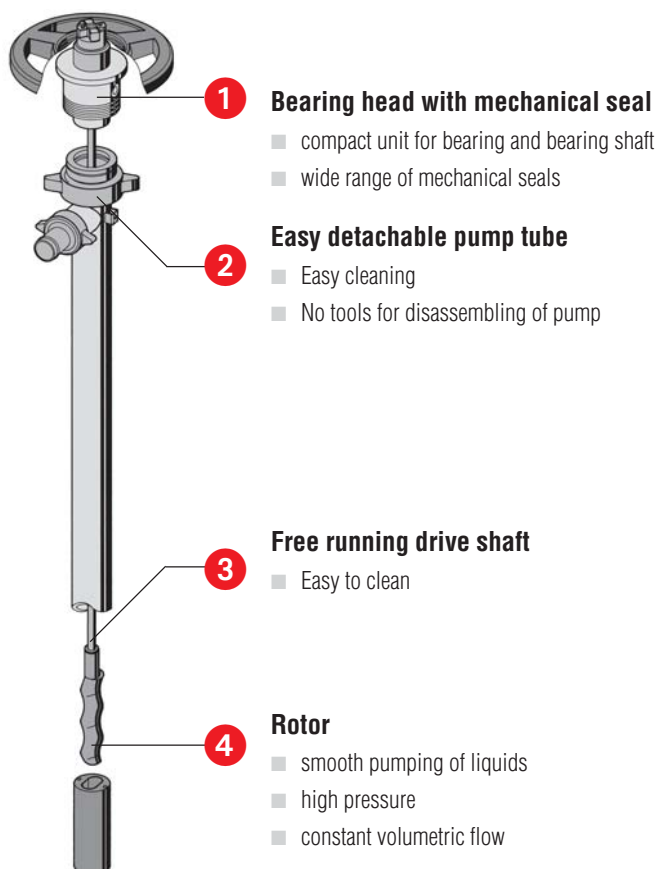
### HD-E

Pump tube:	stainless steel (1.4571)
Stator:	PTFE
Mechanical seal:	Carbon/CrMo-casting (bellows constr.)
Secondary seal:	Viton®
Drive shaft:	Stainless steel (1.4571)

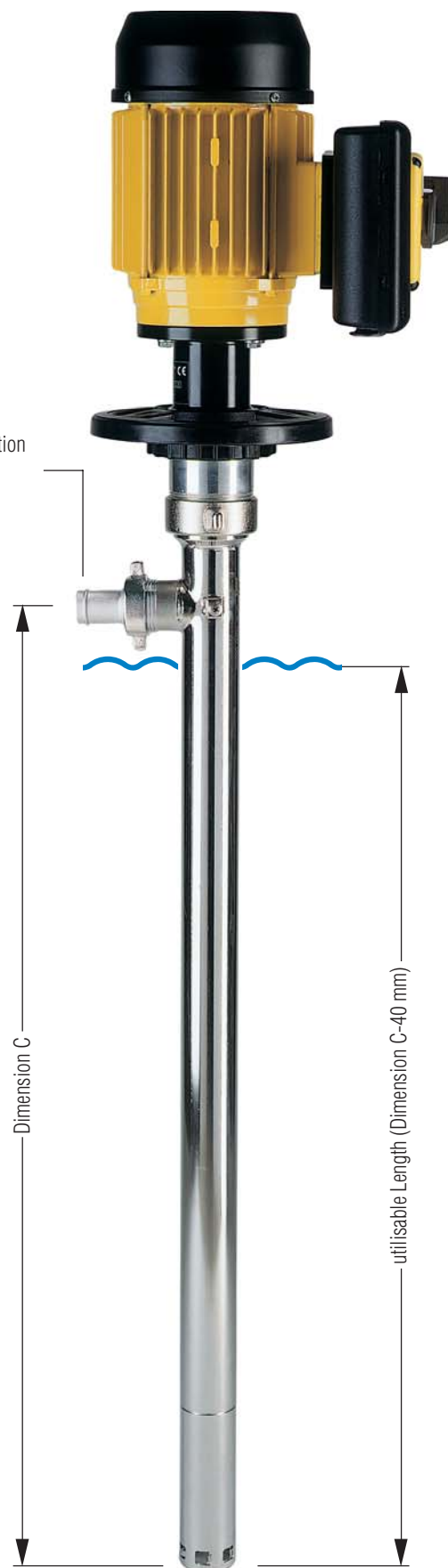
Viton® is a registered trademark of DuPont Dow Elastomers.



Pump tube in physiologically safe version (PU). All materials coming into contact with the pumped medium are physiologically safe. The pump tubes are mainly used in the food-, cosmetics- and pharmaceutical industry. Additional costs see price list.



Accessories  
Hose connection  
see page 105



Detail dimensions see chapter 06 page 262



Suitable range of accessories  
see pages 102-115