

Lutz Eccentric Screw Pumps

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

Product detail

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

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	mPas
Protection type:	IP 54	Weight (kg)	Motor + pump tube
Order-No.	0155-032		

* Special lengths 600–1500 mm on request

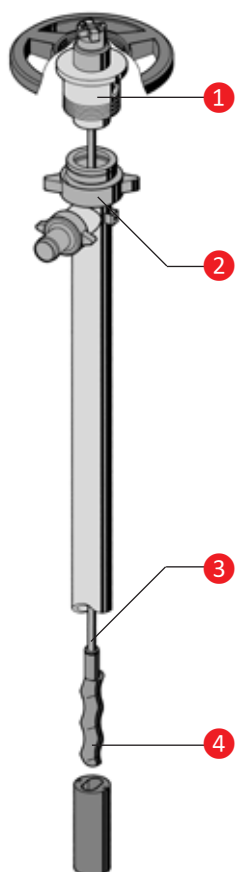
for viscosities from 500 to 4000 mPas

Materials (coming into contact with the pumped medium)

Version:	HD-E
Pump tube:	Stainless steel (1.4571)
Stator:	PTFE
Mechanical seal:	Carbon/SiC (Bellows constr.)
Secondary seal:	FPM
Drive shaft:	Stainless steel (1.4571)



Pump tube in PURE version also available with Tri-Clamp-connection. 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.



1 Bearing head with mechanical seal

- Compact unit for bearing and bearing shaft
- Wide range of mechanical seals

2 Easy detachable pump tube

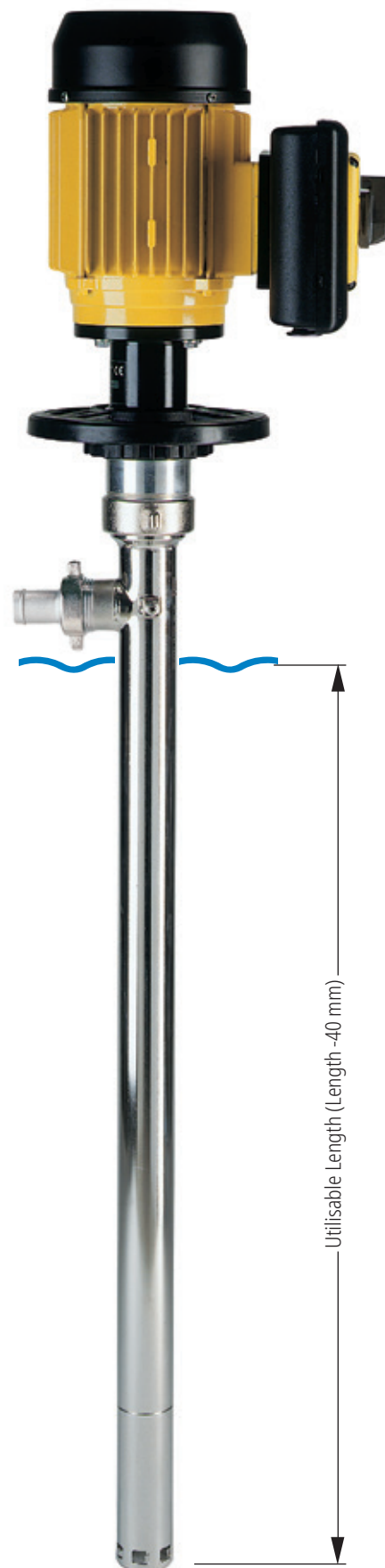
- Easy cleaning
- No tools for disassembling of pump

3 Free running drive shaft

- Easy to clean

4 Rotor

- Smooth pumping of liquids
- High pressure
- Constant volumetric flow



Utilisable Length (Length -40 mm)