

Lutz Eccentric Screw Pumps

Lutz HD-E PURE for medium viscous foodstuffs



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 acids 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 PURE



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:	Tri-Clamp DN	32
Length: 1000 mm ▲*	Order No. basic pump	0155-010

Version: PURE FPM ▲	Order No. additional price	0155-016
Version: PURE EPDM ▲	Order No. additional price	0155-017

▲ Please choose Order No. basic pump + Order No. PURE additional price

Choice of motors

Operating data



Single phase motor			
Output:	0.55 kW	Delivery rate up to l/min.	20
Voltage:	230 V	Delivery head up to bar	4
Speed:	1500 1/min	Viscosity mPas	500-4000
Protection type:	IP 54	Weight (kg) Motor + pump tube	11.5
Order No.	0155-032		

* Special lengths 600–1500 mm on request

HD-E PURE

for viscosities from 500 to 4000 mPas

Materials (coming into contact with the pumped medium)

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

