Lutz Drum and Container Pumps

Pump tube PP (polypropylene) for corrosive and neutral liquids

Productdetail	Pump tube						PP-SL		PP-MS	
2	Type of impeller					L	R	L	R	
Contract of the Contract of th	Category 1 / 2 (acc. to ATEX)					no	no	no	no	
a trace	Immersion tube diameter				up to mm		41	41	41	41
	Temperature of medium				up to °C		50	50	50	50
	Material				Pump tube		PP	PP	PP	PP
					Impeller		PP	PP	PP	PP
	Hose connection				Nominal diam Outer thread	eter mm	19-32 G 1 1/4	19-32 G 1 1/4	19-32 G 1 1/4	19-32 G 1 1/4
	Length: 700 mm*** shaft SS				Order No.		0110-304		0103-504	
	Length: 1000 mm*** shaft SS				Order No.			0110-301		
	Length: 1200 mm*** shaft SS				Order No.			0110-302		
<u> </u>	Length: 700 mm*** shaft HC				Order No.			0110-200		
: 3	Length: 1000 mm*** shaft HC				Order No.		0110-205	0110-201	0103-405	0103-401
	Length: 1200 mm*** shaft HC				Order No.		0110-206	0110-202	0103-406	0103-402
	Length: 1400 mm*** shaft HC				Order No.		0110-208	0110-213	-	-
	Length: 1500 mm*** shaft HC				Order No.			0110-214	-	-
	Length: 1600 mm*** shaft HC				Order No.			0110-215	-	-
	Length: 1700 mm*** shaft HC				Order No.			0110-216	-	-
	Length: 2000 mm*** shaft HC				Order No.		0110-212	0110-217	-	-
	Choice of motors				Operating data					
		MI-4	MI-4-E		Characteristic	ourvo no	101	100	101	100
		-	with speed		Flow rate*	up to I/min.	87	160	87	160
			controller		Delivery head		19	8.5	19	8.5
	Output	500 W	500 W		Viscostiy**	up to mPas	500	150	500	150
	Voltage:	230 V	230 V		Density****	up to kg/dm³	1.4	1.1	1.4	1.1
	Order No.	0030-000	0030-001		Weight (kg)	Motor + pump tube	3.9	3.9	3.9	3.9
		MA II 3			Characteristic	curve no.	103	102	103	102
	Output:	460 W	460 W		Flow rate*	up to I/min.	78	155	78	155
	Voltage:	230 V	230 V		Delivery head		16	7.5	16	7.5
	LVR.:	no	yes		Viscostiy**	up to mPas	500	150	500	150
	Order No.	0060-000	0060-008		Density**** Weight (kg)	up to kg/dm ³ Motor + pump tube	1.6 5.7	1.2 5.7	1.6 5.7	1.2 5.7
					Trongine (ng)	motor i pampitado	011	0	0	0
	0	MA II 5	MA II 5	MAII 5 S	Characteristic		105	104	105	104
	Output:	575 W	575 W	575 W	Flow rate*	up to I/min.	83	160	83	160
	Voltage: LVR.:	230 V	230 V	230 V no	Delivery head Viscostiy**	up to m wc up to mPas	18 800	9 350	18 800	9 350
	LVII	no	yes	acid-proof	Density****	up to file as up to kg/dm ³	1.8	1.3	1.8	1.3
	Order No.	0060-001	0060-009		Weight (kg)	Motor + pump tube	6.5	6.5	6.5	6.5
Low-voltage release (LVR.): Prevents the pump from starting up again without warning after a power failure. Its recommended when pumping hazardous liquids.		MA II 7			Characteristic	CUITVA NO	107	106	107	106
	Output:	795 W	795 W		Flow rate*	up to I/min.	90	170	90	170
	Voltage:	230 V	230 V		Delivery head	•	22	12	22	12
	LVR.:	no	yes		Viscostiy**	up to mPas	800	350	800	350
	0 1 11				Density****	up to kg/dm³	1.9	1.4	1.9	1.4
	Order No.	0060-002	0060-010		Weight (kg)	Motor + pump tube	7.7	7.7	7.7	7.7
		MD-1	MD-2		Characteristic	curve no.	109	108	109	108
	Output:	400 W	400 W		Flow rate*	up to I/min.	90	180	90	180
	Operating	0.1	0.1		Delivery head		20	10	20	10
	pressure:	6 bar	6 bar		Viscostiy**	up to mPas	850	600	850	600
	Order No.	0004-087	0004-088		Density**** Weight (kg)	up to kg/dm ³ Motor + pump tube	1.8 2.6	1.3 2.6	1.8 2.6	1.3 2.6
	STUDITIO.	300-7-001	2007 000		Toight (Ng)	motor i pump tube	2.0	2.0	2.0	2.0

^{*} Determined with water at 20 °C *** Special lengths
** Determined with oil 200–2500 mm on request

^{****} Determined with 3 m hose 3/4" and open nozzle 3/4". Higher densities possible for shorter operating periods.

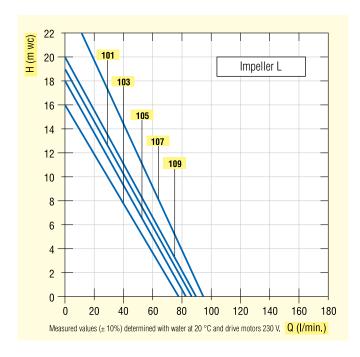
Pump Tube PP (polypropylene)

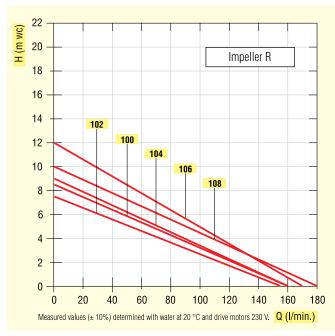
for corrosive and neutral liquids

Materials (coming into contact with the pumped medium):

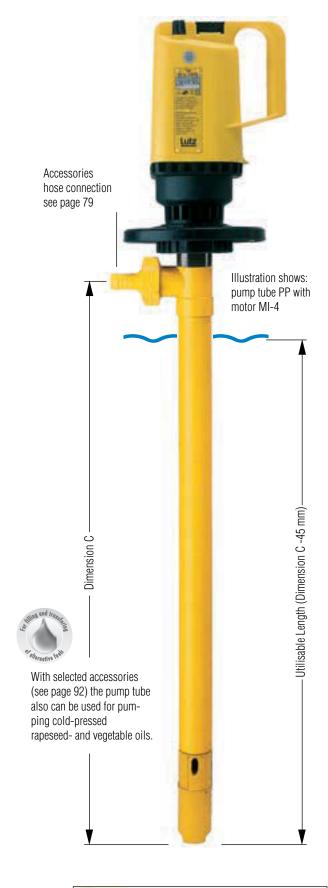
Version:	SL	MS			
Housing:	PP/PVDF	PP/PVDF			
Impeller:	PP	PP			
Seals:	none	Viton®			
Mechanical seals:	none	Carbon, SiC, Viton®, HC-4 (2.4610)			
Bearing:	ETFE/PTFE	ETFE/PTFE			
Drive shaft:	Stainless steel (1.4571) or HC-4 (2.4610)	Stainless steel (1.4571) or HC-4 (2.4610)			

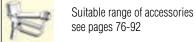
Viton® is a registered trademark of DuPont Performance Elastomers.





Please remember that the flow rate is reduced as the **viscosity** increases. The **density** of the pumped liquid similarly affects the flow rate, though to a lesser extent.





Accessories

for vegetable oil pumps

Productdetail

Specification

Order-No.



Hose set SL-Bio

Hose Slimline Bio with two textile braids and plain surface. Hose clamp and hose connection from polypropylene (PP) G 1 1/4 for assembly onto the pump tube or nozzle.

Nominal diameter:

DN 21 (7/8") 0.55 kg/m

 Length: 2.5 m
 0205-805

 Length: 4.0 m
 0205-806

 Length: 6.0 m
 0205-807



PP nozzle

For filling and transferring. With hoop guard and two outlet spouts \emptyset 23 mm (cylindrical) and \emptyset 12 mm (conical). Polypropylene (PP) housing and valve tappet.

Operating pressure: max. 3 bar at 20 °C
Weight: approx. 0,.5 kg
Connection: outer thread G 1 1/4
Seal: FPM (Viton®)

0204-380



Drum adapter in PP

Drum adapter for continuous pump tube diameters.

For fixing the pump in the drum opening.

Prevents the drum pump from tiping over in the empty drum. Thread G 2.

0208-007



NW 150 **0373-060** NW 225 **0373-061**



Wall bracket

For storage of drum pumps.

This facility helps to protect pumps from damage, and maintains their value.

0204-308



Oval gear flow meter MDO 1

For efficient flow measurement of mineral oils and alternative fuels. Easy handling, compact construction and quick assembly onto the pump.

 $\begin{array}{lll} \mbox{Measuring principle:} & \mbox{Oval gear} \\ \mbox{Range of measurement:} & 3 - 80 \mbox{ l/min.} \\ \mbox{Range of viscosity:} & 1 - 2000 \mbox{ mPas} \\ \mbox{Accuracy of measurement:} & \pm 0,5\% \end{array}$

Connection: £ 0,3 %

0211-600