Lutz Drum and Container Pumps

Pump tube RE-PP (polypropylene) for complete drum drainage of corrosive and neutral liquids

Productdetail

Pump tube			RE-PP GLRD
Type of impeller:			Impeller
Category 1 / 2 (acc. to ATEX)			no
Immersion tube diameter:		up to mm	41
Temperature of medium:		up to °C	50
Material:		Pump tube	PP
		Impeller	PP
Hose connection:		Nominal diameter mm	19-32
		Outer thread	G 1 1/4
Length: 700 mm***	shaft SS	Order No.	**0103-020**
Length: 1000 mm***	shaft SS	Order No.	**0103-021**
Length: 1200 mm***	shaft SS	Order No.	**0103-022**
Length: 700 mm***	shaft HC	Order No.	**0103-040**
Length: 1000 mm***	shaft HC	Order No.	**0103-041**
Length: 1200 mm***	shaft HC	Order No.	**0103-042**

Choice of motors	MI 4	MI 4-E	Operating data		
	-	with speed controller	Characteristic curve no.		600
			Flow rate*	up to l/min.	70
			Delivery head*	up to mWS	12
Output:	500 W	500 W	Viscosity**	up to mPas	1000
Voltage:	230 V	230 V	Density:****	up to kg/dm³	1.6
Order No.	**0030-000**	**0030-001**	Weight (kg)	Motor + pump tube	4.0

	MA II 3		Characteristic curve no.		601
Output:	460 W	460 W	Flow rate*	up to l/min.	60
Voltage:	230 V	230 V	Delivery head*	up to mWS	11
LVR.:	no	yes	Viscosity**	up to mPas	800
			Density:****	up to kg/dm³	1.7
Order No.	**0060-000**	**0060-008**	Weight (kg)	Motor + pump tube	5.8

	MA II 5	MA II 5	MA II 5 S	Characteristic curve no.		602
Output:	575 W	575 W	575 W	Flow rate*	up to l/min.	60
Voltage:	230 V	230 V	230 V	Delivery head*	up to mWS	11.5
LVR.:	no	yes	no	Viscosity**	up to mPas	1200
			acid proof	Density:****	up to kg/dm³	2.0
Order No.	**0060-001**	**0060-009**	**0060-091**	Weight (kg)	Motor + pump tube	6.6

	MA II 7		Characteristic curve no.		603
Output:	795 W	795 W	Flow rate*	up to l/min.	69
Voltage:	230 V	230 V	Delivery head*	up to mWS	15
LVR.:	no	yes	Viscosity**	up to mPas	1000
			Density:****	up to kg/dm³	2.0
Order No.	**0060-002**	**0060-010**	Weight (kg)	Motor + pump tube	7.8

Low-voltage release (LVR.): Prevents the pump from starting up again without warning after a power failure. It is recommended when pumping hazardous liquids.

	MD1xL	MD2xL	Characteristic curve no.		604
Output:	1000 W	1000 W	Flow rate*	up to l/min.	69
Operating			Delivery head*	up to mWS	19
pressure:	6 bar	6 bar	Viscosity**	up to mPas	1000
		infinitely varied	Density:****	up to kg/dm³	2.8
Order No.	**0004-725**	**0004-735**	Weight (kg)	Motor + pump tube	2.6

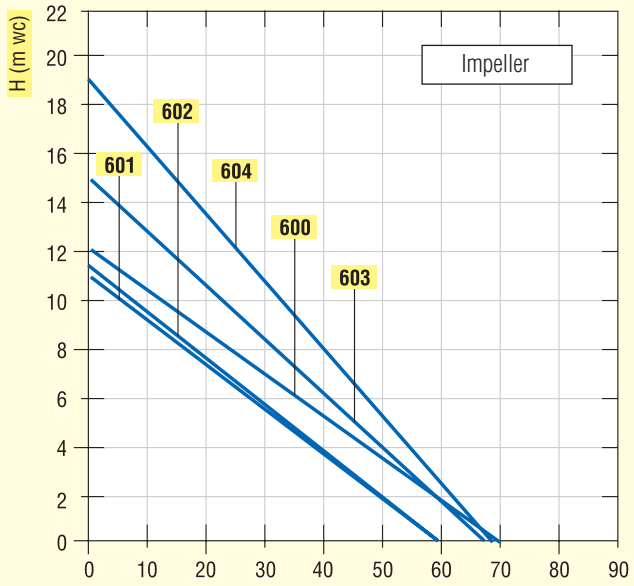
* Determined with water at 20 °C
** Determined with oil
*** Special lengths 400–1500 mm on request
**** Determined with 3 m hose 3/4" and open nozzle 3/4". Higher densities possible for shorter operating periods.
Special voltages and frequencies on request.

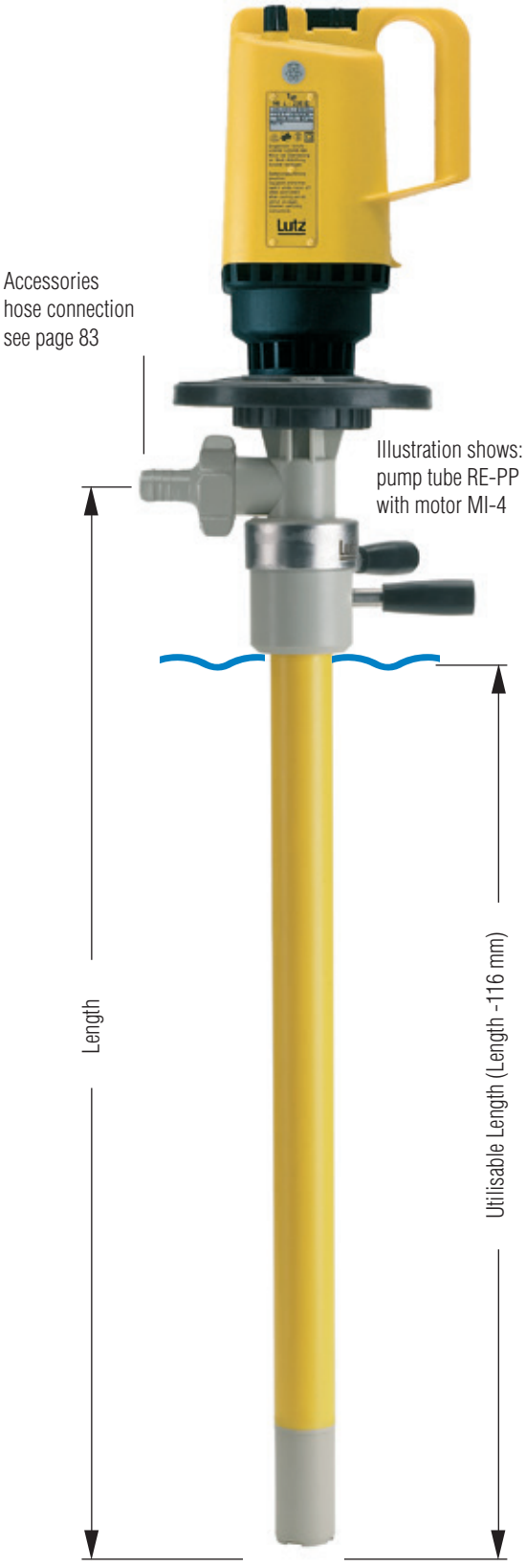
Pump Tube RE-PP (polypropylene)

for complete drum drainage of corrosive and neutral liquids

Materials (coming into contact with the pumped medium):

Version:	MS
Housing:	PP
Impeller:	PP
Sealing pot:	PP
Seals:	FPM
Mechanical seals:	Carbon, Ceramic, FPM, HC-4 (2.4610)
Bearing:	Pure Carbon
Drive shaft:	Stainless steel (1.4571) or HC-4 (2.4610)





Tip

Which pump for which liquid?
See resistance table !

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.

Suitable range of accessories
see pages 80-96