Lutz Drum and Container Pumps

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

	<mark>Pump tu</mark>	be				RE-PP GLRD	
-	Type of im	peller:				Impeller	
	Category 1 / 2 (acc. to ATEX)					no	
	Immersion tube diameter:				up to mm	41	
	Temperature of medium:				up to °C	50	
	Material:	Material:			Pump tube	PP PP	
					Impeller		
	Hose conn	ection:			Nominal diameter mm Outer thread	19-32 G 1 1/4	
	Length: 7	'00 mm***	shaft SS		Order No.	0103-020	
	-	00 mm***	shaft SS		Order No.	0103-021	
		200 mm***	shaft SS		Order No.	0103-022	
		'00 mm***	shaft HC		Order No.	0103-040	
		000 mm***	shaft HC		Order No.	0103-041	
		200 mm***	shaft HC		Order No.	0103-042	
	Choice of motors Operating data						
	Choice o						
		MI 4	MI 4-E		Characteristic curve no.	600	
		-	with speed controller		Flow rate* up to I/min.	70 12	
	Output:	500 W	500 W		Delivery head* up to mWS Viscosity** up to mPas	12	
	Voltage:	230 V	230 V		Density:**** up to kg/dm ³	1.6	
		0030-000	0030-001		Weight (kg) Motor + pump tul		
S		MA II 3			Characteristic curve no.	601	
	Output:	460 W	460 W				
- And	output.	100 11			Flow rate* up to I/min.	60	
- MAR	Voltage:	230 V	230 V		Delivery head* up to mWS	11	
- Aller					Delivery head* up to mWS Viscosity** up to mPas	11 800	
we -	Voltage: LVR.:	230 V no	230 V yes		Delivery head* up to mWS Viscosity** up to mPas Density:**** up to kg/dm ³	11 800 1.7	
	Voltage: LVR.:	230 V no 0060-000	230 V yes 0060-008		Delivery head* up to mWS Viscosity** up to mPas Density:**** up to kg/dm ³ Weight (kg) Motor + pump tub	11 800 1.7 5.8	
	Voltage: LVR.: Order No.	230 V no 0060-000 MA II 5	230 V yes 0060-008 MA II 5	MA II 5 S	Delivery head* up to mWS Viscosity** up to mPas Density:*** up to kg/dm ³ Weight (kg) Motor + pump tut Characteristic curve no.	11 800 1.7 5.8 602	
	Voltage: LVR.: Order No. Output:	230 V no 0060-000 MA II 5 575 W	230 V yes 0060-008 MA II 5 575 W	575 W	Delivery head* up to mWS Viscosity** up to mPas Density:*** up to kg/dm³ Weight (kg) Motor + pump tut Characteristic Urve no. Flow rate* up to l/min.	11 800 1.7 5.8 602 60	
	Voltage: LVR.: Order No. Output: Voltage:	230 V no 0060-000 MA II 5 575 W 230 V	230 V yes 0060-008 MA II 5 575 W 230 V	575 W 230 V	Delivery head* up to mWS Viscosity** up to mPas Density:*** up to kg/dm³ Weight (kg) Motor + pump tur Characteristic curve no. Flow rate* up to l/min. Delivery head* up to mWS	11 800 1.7 5.8 602 60 11.5	
	Voltage: LVR.: Order No. Output:	230 V no 0060-000 MA II 5 575 W	230 V yes 0060-008 MA II 5 575 W	575 W 230 V no	Delivery head* up to mWS Viscosity** up to mPas Density:*** up to kg/dm³ Weight (kg) Motor + pump tul Characteristic Flow rate* up to l/min. Delivery head* up to mWS Viscosity** up to mPas	11 800 1.7 5.8 602 60 11.5 1200	
	Voltage: LVR.: Order No. Output: Voltage: LVR.:	230 V no 0060-000 MA II 5 575 W 230 V	230 V yes 0060-008 MA II 5 575 W 230 V	575 W 230 V	Delivery head* up to mWS Viscosity** up to mPas Density:*** up to kg/dm³ Weight (kg) Motor + pump tub Characteristic curve no. Flow rate* up to l/min. Delivery head* up to mWS Viscosity** up to mPas	11 800 1.7 5.8 602 60 11.5 1200 2.0	
	Voltage: LVR.: Order No. Output: Voltage: LVR.:	230 V no 0060-000 MA II 5 575 W 230 V no	230 V yes 0060-008 MA II 5 575 W 230 V yes	575 W 230 V no acid proof	Delivery head* up to mWS Viscosity** up to mPas Density:*** up to kg/dm³ Weight (kg) Motor + pump tul Characteristic curve no. Flow rate* up to l/min. Delivery head* up to mWS Viscosity** up to mPas Density:**** up to kg/dm³	11 800 1.7 5.8 602 60 11.5 1200 2.0	
	Voltage: LVR.: Order No. Output: Voltage: LVR.: Order No.	230 V no 0060-000 MA II 5 575 W 230 V no 0060-001 MA II 7 795 W	230 V yes 0060-008 MA II 5 575 W 230 V yes 0060-009 795 W	575 W 230 V no acid proof	Delivery head* up to mWS Viscosity** up to mPas Density:*** up to kg/dm³ Weight (kg) Motor + pump tut Characteristic Curve no. Flow rate* up to l/min. Delivery head* up to mWS Viscosity** up to mPas Density:**** up to kg/dm³ Weight (kg) Motor + pump tut Characteristic Curve no. Flow rate* up to l/min.	11 800 1.7 5.8 602 60 11.5 1200 2.0 6.6 603 69	
Low-voltage release (LVR.): Prevents the pump from	Voltage: LVR.: Order No. Output: Voltage: LVR.: Order No.	230 V no 0060-000 MA II 5 575 W 230 V no 0060-001 MA II 7 795 W 230 V	230 V yes 0060-008 MA II 5 575 W 230 V yes 0060-009 0060-009	575 W 230 V no acid proof	Delivery head* up to mWS Viscosity** up to mPas Density:*** up to kg/dm³ Weight (kg) Motor + pump tul Characteristic Curve no. Flow rate* up to l/min. Delivery head* up to mWS Viscosity** up to mPas Density:*** up to kg/dm³ Weight (kg) Motor + pump tul Characteristic Curve no. Flow rate* up to l/min. Delivery head* up to mWS	11 800 1.7 5.8 602 60 11.5 1200 2.0 6.6 603 69 15	
Prevents the pump from starting up again without	Voltage: LVR.: Order No. Output: Voltage: LVR.: Order No.	230 V no 0060-000 MA II 5 575 W 230 V no 0060-001 MA II 7 795 W	230 V yes 0060-008 MA II 5 575 W 230 V yes 0060-009 795 W	575 W 230 V no acid proof	Delivery head* up to mWSViscosity**up to mPasDensity:***up to kg/dm³Weight (kg)Motor + pump tulCharacteristicup to l/min.Delivery head*up to mWSViscosity**up to mPasDensity:****up to kg/dm³Weight (kg)Motor + pump tulCharacteristicup to mWSViscosity**up to mPasDensity:****up to kg/dm³Weight (kg)Motor + pump tulCharacteristicurve no.Flow rate*up to l/min.Delivery head*up to mWSViscosity**up to mPas	11 800 1.7 5.8 602 60 11.5 1200 2.0 6.6 603 69 15 1000	
Prevents the pump from	Voltage: LVR.: Order No. Output: Voltage: LVR.: Order No.	230 V no 0060-000 MA II 5 575 W 230 V no 0060-001 MA II 7 795 W 230 V	230 V yes 0060-008 MA II 5 575 W 230 V yes 0060-009 0060-009	575 W 230 V no acid proof	Delivery head* up to mWS Viscosity** up to mPas Density:*** up to kg/dm³ Weight (kg) Motor + pump tul Characteristic Curve no. Flow rate* up to l/min. Delivery head* up to mWS Viscosity** up to mPas Density:*** up to kg/dm³ Weight (kg) Motor + pump tul Characteristic Curve no. Flow rate* up to l/min. Delivery head* up to mWS	11 800 1.7 5.8 602 60 11.5 1200 2.0 6.6 603 69 15 1000 2.0 2.0	
Prevents the pump from starting up again without warning after a power failure. It is recommended when	Voltage: LVR.: Order No. Output: Voltage: LVR.: Order No.	230 V no 0060-000 MA II 5 575 W 230 V no 0060-001 MA II 7 795 W 230 V no	230 V yes 0060-008 MA II 5 575 W 230 V yes 0060-009 795 W 230 V yes	575 W 230 V no acid proof	Delivery head* up to mWSViscosity**up to mPasDensity:***up to kg/dm³Weight (kg)Motor + pump tulCharacteristicup to l/min.Delivery head*up to mWSViscosity**up to kg/dm³Weight (kg)Motor + pump tulCharacteristicup to mWSViscosity**up to kg/dm³Weight (kg)Motor + pump tulCharacteristicup to l/min.Density:***up to l/min.Delivery head*up to l/min.Delivery head*up to mWSViscosity*up to mWSViscosity*up to mWSDensity:****up to kg/dm³	11 800 1.7 5.8 602 60 11.5 1200 2.0 6.6 603 69 15 1000 2.0 2.0	
Prevents the pump from starting up again without warning after a power failure. It is recommended when	Voltage: LVR.: Order No. Output: Voltage: LVR.: Order No.	230 V no 0060-000 MA II 5 575 W 230 V no 0060-001 MA II 7 795 W 230 V no	230 V yes 0060-008 MA II 5 575 W 230 V yes 0060-009 795 W 230 V yes 230 V	575 W 230 V no acid proof	Delivery head*up to mWSViscosity**up to mPasDensity:***up to kg/dm³Weight (kg)Motor + pump tulCharacteristicup to l/min.Delivery head*up to mWSViscosity**up to kg/dm³Weight (kg)Motor + pump tulCharacteristicup to mWSViscosity**up to kg/dm³Weight (kg)Motor + pump tulCharacteristiccurve no.Flow rate*up to l/min.Delivery head*up to mWSViscosity**up to mWSViscosity**up to mWSViscosity**up to mWSWeight (kg)Motor + pump tulWeight (kg)Motor + pump tul	11 800 1.7 5.8 602 60 11.5 1200 2.0 6.6 603 69 15 1000 2.0 2.0 7.8	
Prevents the pump from starting up again without warning after a power failure. It is recommended when	Voltage: LVR.: Order No. Output: Voltage: LVR.: Order No. Output: Voltage: LVR.: Order No.	230 V no 0060-000 MA II 5 575 W 230 V no 0060-001 MA II 7 795 W 230 V no 0060-002 MD1xL	230 V yes 0060-008 MA II 5 575 W 230 V yes 0060-009 795 W 230 V yes 0060-010 MD2xL	575 W 230 V no acid proof	Delivery head* up to mWSViscosity**up to mPasDensity:***up to kg/dm³Weight (kg)Motor + pump tullCharacteristicup to l/min.Delivery head*up to mPasDensity:***up to mPasDensity:***up to kg/dm³Viscosity**up to kg/dm³Weight (kg)Motor + pump tullCharacteristicurve no.Flow rate*up to kg/dm³Weight (kg)up to l/min.Delivery head*up to l/min.Delivery head*up to mPasDensity:***up to mPasDensity:***up to kg/dm³Weight (kg)Motor + pump tullCharacteristicup to mPasDensity:***up to kg/dm³Weight (kg)Motor + pump tullCharacteristicup to kg/dm³	11 800 1.7 5.8 602 60 11.7 602 60 11.7 1200 2.0 6.6 603 69 15 1000 2.0 7.8	
Prevents the pump from starting up again without warning after a power failure. It is recommended when	Voltage: LVR.: Order No. Output: Voltage: LVR.: Order No. Output: Voltage: LVR.: Order No.	230 V no 0060-000 MA II 5 575 W 230 V no 0060-001 MA II 7 795 W 230 V 230 V no 0060-002 MD1xL 1000 W	230 V yes 0060-008 MA II 5 575 W 230 V yes 0060-009 795 W 230 V yes 0060-010 MD2xL 1000 W 6 bar	575 W 230 V no acid proof 0060-091	Delivery head*up to mWSViscosity**up to mPasDensity:****up to kg/dm³Weight (kg)Motor + pump tulCharacteristicup to l/min.Delivery head*up to mWSViscosity**up to mWSViscosity**up to kg/dm³Weight (kg)Motor + pump tulCharacteristicup to mWSViscosity**up to kg/dm³Weight (kg)Motor + pump tulCharacteristicup to l/min.Delivery head*up to mWSViscosity**up to mWSViscosity**up to g/dm³Weight (kg)Motor + pump tulCharacteristicup to mWSViscosity**up to mWSViscosity**up to mySFlow rate*up to l/min.Delivery head*up to l/min.Delivery head*up to mWSViscosity**up to mWSViscosity**up to mWSViscosity**up to mWSViscosity**up to mWS	11 800 1.7 5.8 602 60 60 11.7 5.8 602 60 11.5 1200 2.0 6.6 603 69 15 1000 2.0 7.8 604 69 19 1000	
Prevents the pump from starting up again without warning after a power failure. It is recommended when	Voltage: LVR.: Order No. Output: Voltage: LVR.: Order No. Output: Voltage: LVR.: Order No.	230 V no 0060-000 MA II 5 575 W 230 V no 0060-001 MA II 7 795 W 230 V 230 V no 0060-002 MD1xL 1000 W	230 V yes 0060-008 MA II 5 575 W 230 V yes 0060-009 795 W 230 V yes 0060-010 MD2xL 1000 W	575 W 230 V no acid proof 0060-091	Delivery head* up to mWSViscosity**up to mPasDensity:***up to kg/dm³Weight (kg)Motor + pump tubCharacteristicup to l/min.Delivery head*up to mWSViscosity**up to mPasDensity:***up to mPasDelivery head*up to mWSViscosity**up to kg/dm³Weight (kg)Motor + pump tubCharacteristiccurve no.Flow rate*up to l/min.Delivery head*up to mWSViscosity**up to mWSVeight (kg)Motor + pump tubCharacteristiccurve no.Flow rate*up to f/min.Delivery head*up to mWS	11 800 1.7 5.8 602 60 11.5 1200 2.0 6.6 603 69 15 1000 2.0 604 69 19 1000 2.8	

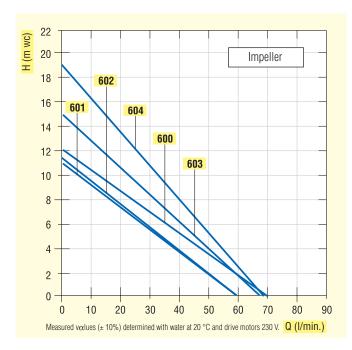
* Determined with water at 20 °C **Determined with oil ***Special lengths 400–1500 mm on request ****Determined with 3 m hose 3/4" and open nozzle 3/4". Higher densities possible for shorter operating periods.

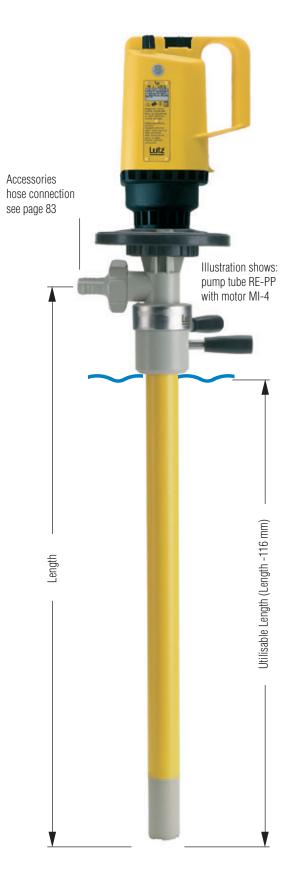
Pump Tube RE-PP (polypropylene)

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)







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