





Lutz Drum and Container Pumps

Pump tube PP (polypropylene) for corrosive and neutral liquids

Product detail	Pump tube	PP-SL		PP-MS				
	Type of impeller	L	R	L	R			
	Category 1 / 2 (acc. to Atex 100a)	no	no	no	no			
	Immersion tube diameter	up to mm	41	41	41	41		
	Temperature of medium	up to °C	50	50	50	50		
	Material	Pump tube Impeller	PP PP	PP PP	PP PP	PP PP		
	Hose connection	Nominal diameter mm Outer thread	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	0110-300	0103-504	0103-500		
	Length: 1000 mm*** shaft SS	Order No.	0110-305	0110-301	0103-505	0103-501		
	Length: 1200 mm*** shaft SS	Order No.	0110-306	0110-302	0103-506	0103-502		
	Length: 700 mm*** shaft HC	Order No.	0110-204	0110-200	0103-404	0103-400		
	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.	0110-209	0110-214	–	–		
	Length: 1600 mm*** shaft HC	Order No.	0110-210	0110-215	–	–		
Length: 1700 mm*** shaft HC	Order No.	0110-211	0110-216	–	–			
Length: 2000 mm*** shaft HC	Order No.	0110-212	0110-217	–	–			
Choice of motors		Operating data						
	MI 4	MI 4-E	Characteristic curve no.	101	100	101	100	
	–	with speed controller	Flow rate* up to l/min.	85	160	85	160	
	Output: 500 W	500 W	Delivery head* up to m wc	19	8.5	19	8.5	
	Voltage: 230 V	230 V	Viscosity** up to mPas	500	150	500	150	
	Order No. 0030-000	0030-001	Density**** up to kg/dm³	1.4	1.1	1.4	1.1	
		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 l/min.	75	155	75	155	
	Voltage: 230 V	230 V	Delivery head* up to m wc	16	7.5	16	7.5	
	LVR.: no	yes	Viscosity** up to mPas	500	150	500	150	
	Order No. 0060-000	0060-008	Density**** up to kg/dm³	1.6	1.2	1.6	1.2	
			Weight (kg) motor + pump tube	5.7	5.7	5.7	5.7	
	MA II 5	MA II 5	MA II 5 S	Characteristic curve no.	105	104	105	104
	Output: 575 W	575 W	575 W	Flow rate* up to l/min.	80	160	80	160
	Voltage: 230 V	230 V	230 V	Delivery head* up to m wc	17	8.5	17	8.5
	LVR.: no	yes	no	Viscosity** up to mPas	800	350	800	350
Order No. 0060-001	0060-009	acid-proof	Density**** up to kg/dm³	1.8	1.3	1.8	1.3	
		0060-091	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 curve no.	107	106	107	106	
	Output: 795 W	795 W	Flow rate* up to l/min.	90	170	90	170	
	Voltage: 230 V	230 V	Delivery head* up to m wc	22	10	22	10	
	LVR.: no	yes	Viscosity** up to mPas	800	350	800	350	
	Order No. 0060-002	0060-010	Density**** up to kg/dm³	1.9	1.4	1.9	1.4	
		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 l/min.	90	180	90	180	
	Operating pressure: 6 bar	6 bar	Delivery head* up to m wc	20	10	20	10	
	Order No. 0004-087	0004-088	Viscosity** up to mPas	850	600	850	600	
			Density**** up to kg/dm³	1.8	1.3	1.8	1.3	
		Weight (kg) motor + pump tube	2.6	2.6	2.6	2.6		

* Determined with water at 20 °C *** Special Lengths 200–2500 mm on request
** Determined with oil

**** 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.

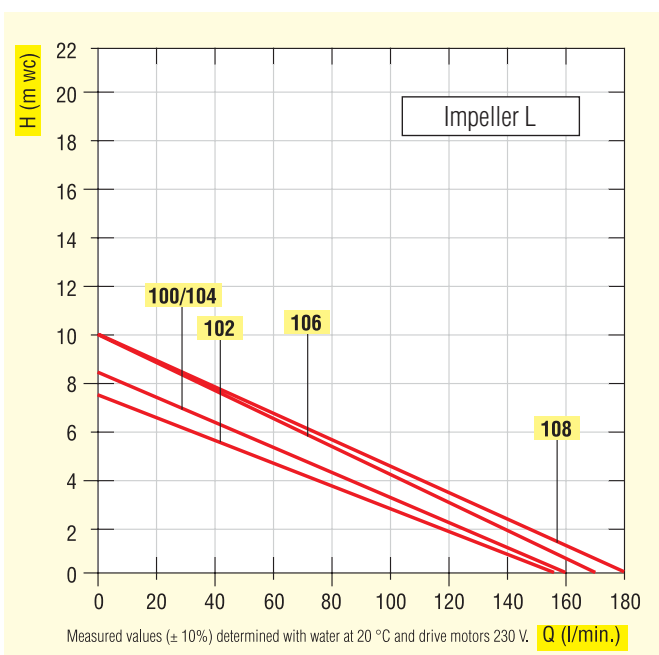
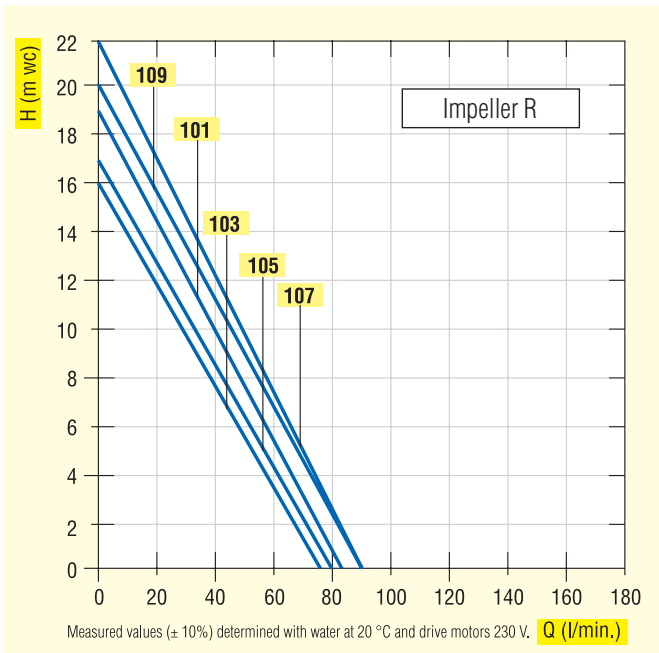
Pump Tube PP (polypropylene)

for corrosive and neutral liquids

Materials (coming into contact with the pumped medium)

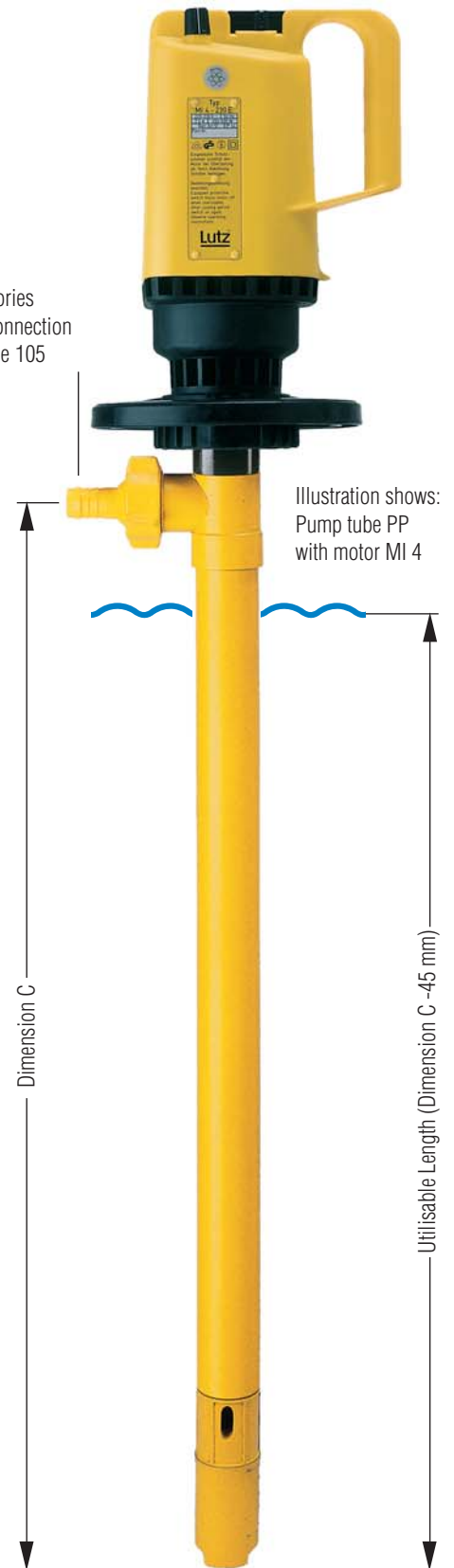
	PP-SL	PP-MS
Housing:	PP/PVDF	PP/PVDF
Impeller:	PP	PP
Seals:	none	Viton®
Mechanical seal:	none	Carbon, SiC, Viton®, HC-4 (2.4610)
Bearing:	ETFE/PTFE	ETFE/PTFE
Drive shaft:	Stainless steel (1.4571) or HC-4 (2.4610)	Stainless steel (1.4571) or HC-4 (2.4610)

Viton® is a registered trademark of DuPont Dow 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
Hose connection
see page 105



02

Detail dimensions see Chapter 06 page 260



Suitable range of accessories
see pages 102-115