






Lutz Drum and Container Pumps

Pump tube Alu (aluminium) for neutral, non flammable liquids

Product detail	Pump tube	Alu-SL		Alu-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	100	100	100	100		
	Material:	Pump tube	Alu	Alu	Alu	Alu		
		Impeller	ETFE	ETFE	ETFE	ETFE		
	Hose connection:	Nominal diameter mm	19-32	19-32	19-32	19-32		
		Outer thread	G 1 1/4	G 1 1/4	G 1 1/4	G 1 1/4		
	Length: 700 mm***	Order No.	0132-304	0132-300	0133-504	0133-500		
	Length: 1000 mm***	Order No.	0132-305	0132-301	0133-505	0133-501		
Length: 1200 mm***	Order No.	0132-306	0132-302	0133-506	0133-502			
Length: 1500 mm***	Order No.	0132-309	–	–	–			
Choice of motors		Operating data						
	MI 4	MI 4-E	Characteristic curve no.	301	300	301	300	
	-	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	4.3	4.3	4.3	4.3		
	MA II 3	Characteristic curve no.	303	302	303	302		
	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	6.1	6.1	6.1	6.1	
	MA II 5	MA II 5	MA II 5 S	Characteristic curve no.	305	304	305	304
	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	0060-091	Density**** up to kg/dm³	1.8	1.3	1.8	1.3	
			Weight (kg) motor + pump tube	6.9	6.9	6.9	6.9	
Low-voltage release (LVR.): Prevents the pump from starting up again without warning after a power failure. It is recommended when pumping hazardous liquids.	MA II 7	Characteristic curve no.	307	306	307	306		
	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	8.1	8.1	8.1	8.1	
		MD-1	MD-2	Characteristic curve no.	309	308	309	308
		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	3.0	3.0	3.0	3.0	
	B4/GT	Characteristic curve no.	311	310	311	310		
	Output: 750 W	750 W	Flow rate* up to l/min.	70	130	70	130	
	Voltage: 230/400 V	230/400 V	Delivery head* up to m wc	10	8.5	10	8.5	
	Protection switch: no	yes	Viscosity** up to mPas	400	400	400	400	
	Order No. 0004-019	0004-067	Density**** up to kg/dm³	2.2	2.0	2.2	2.0	
			Weight (kg) motor + pump tube	11.5	11.5	11.5	11.5	

* 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.

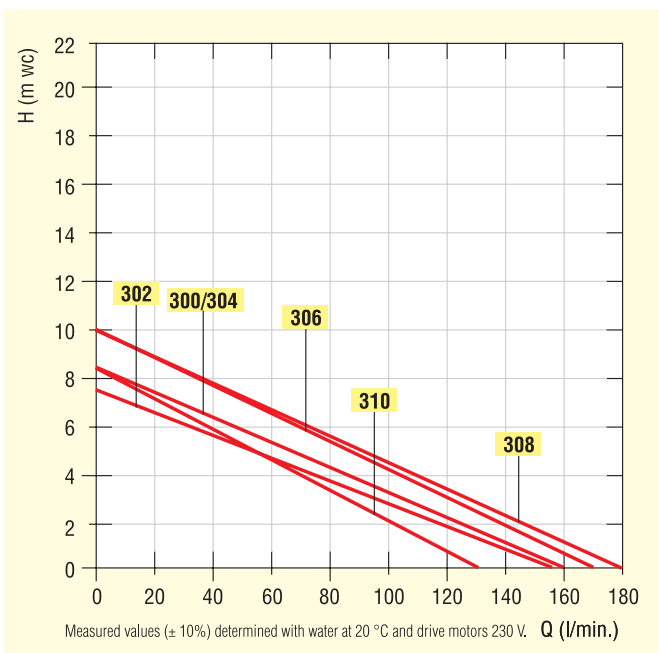
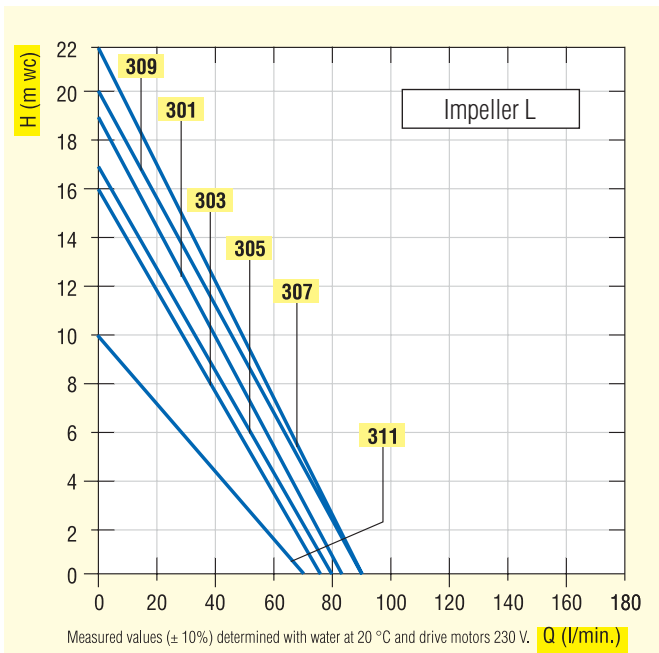
Pump Tube Alu (aluminium)

for neutral, non flammable liquids

Materials (coming into contact with the pumped medium)

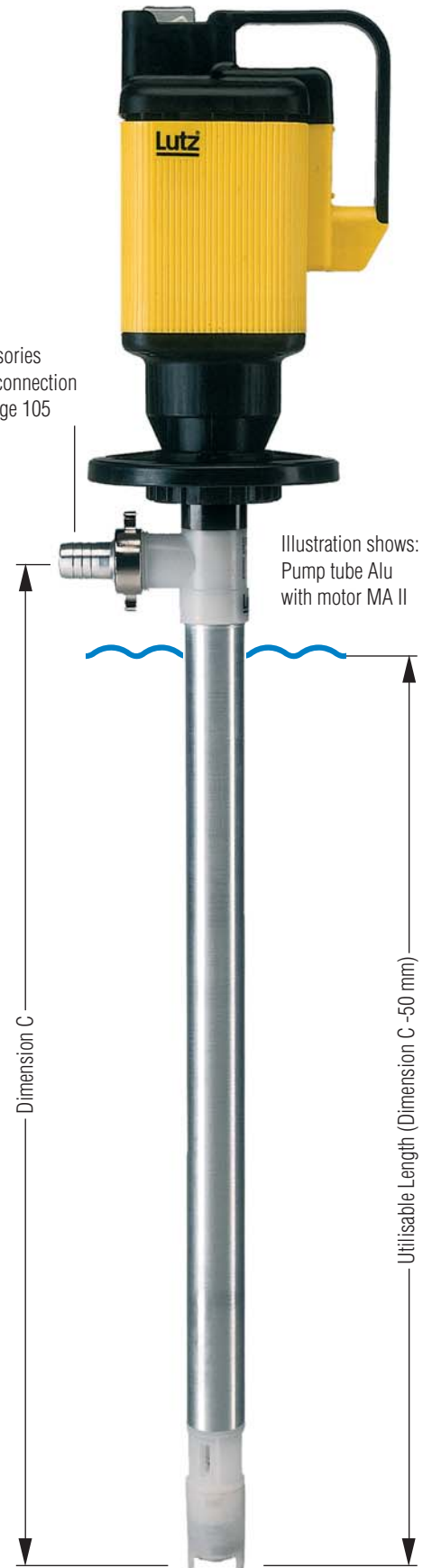
	Alu-SL	Alu-MS
Housing:	Alu, PVDF	Alu, PVDF
Impeller:	ETFE	ETFE
Seals:	none	Viton®
Mechanical seal:	none	Carbon, SiC, Viton®, HC-4 (2.4610)
Bearing:	ETFE	ETFE
Drive shaft:	Stainless steel (1.4571)	Stainless steel (1.4571)

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