

# Lutz Drum and Container Pumps

Pump tube SS (stainless steel) for corrosive and neutral liquids

Product detail	Pump tube	SS-SL	SS-MS					
	Type of impeller:	Impeller	Rotor	Impeller	Rotor			
	Category 1 / 2 (acc. to ATEX)	yes	yes	yes	yes			
	Immersion tube diameter:	up to mm	41	41	41	41		
	Temperature of medium:	up to °C	100	100	100	100		
	Material:	Pump tube Impeller/Rotor	1.4571 ETFE	1.4571 ETFE	1.4571 ETFE	1.4571 ETFE		
	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***	Order No.	<b>0150-003</b>	<b>0150-000</b>	<b>0151-003</b>	<b>0151-000</b>		
	Length: 1000 mm***	Order No.	<b>0150-004</b>	<b>0150-001</b>	<b>0151-004</b>	<b>0151-001</b>		
	Length: 1200 mm***	Order No.	<b>0150-005</b>	<b>0150-002</b>	<b>0151-005</b>	<b>0151-002</b>		
	Length: 1400 mm***	Order No.	<b>0150-108</b>	<b>0150-113</b>	-	-		
	Length: 1500 mm***	Order No.	<b>0150-109</b>	<b>0150-114</b>	-	-		
	Length: 1600 mm***	Order No.	<b>0150-110</b>	<b>0150-115</b>	-	-		
	Length: 1700 mm***	Order No.	<b>0150-111</b>	<b>0150-116</b>	-	-		
	Length: 2000 mm***	Order No.	<b>0150-112</b>	<b>0150-117</b>	-	-		
<b>Choice of motors</b>		<b>Operating data</b>						
	<b>MI 4</b>	<b>MI 4-E</b>	Characteristic curve no.	401	400	401	400	
	-	with speed controller	Flow rate* up to l/min.	117	210	117	210	
	Output: 500 W	500 W	Delivery head* up to mWS	19	10	19	10	
	Voltage: 230 V	230 V	Viscosity** up to mPas	500	350	500	350	
Order No.	<b>0030-000</b>	<b>0030-001</b>	Density:**** up to kg/dm³	1.4	1.1	1.4	1.1	
			Weight (kg) Motor + pump tube	5.7	5.7	5.7	5.7	
	<b>MA II 3</b>		Characteristic curve no.	403	402	403	402	
	Output: 460 W	460 W	Flow rate* up to l/min.	95	178	95	178	
	Voltage: 230 V	230 V	Delivery head* up to mWS	14	9	14	9	
	LVR.: no	yes	Viscosity** up to mPas	350	200	350	200	
	Order No.	<b>0060-000</b>	<b>0060-008</b>	Density:**** up to kg/dm³	1.6	1.2	1.6	1.2
				Weight (kg) Motor + pump tube	7.5	7.5	7.5	7.5
	<b>MA II 5</b>	<b>MA II 5</b>	<b>MA II 5 S</b>	Characteristic curve no.	405	404	405	404
	Output: 575 W	575 W	575 W	Flow rate* up to l/min.	100	190	100	190
	Voltage: 230 V	230 V	230 V	Delivery head* up to mWS	16	10	16	10
	LVR.: no	yes	no	Viscosity** up to mPas	700	550	700	550
Order No.	<b>0060-001</b>	<b>0060-009</b>	<b>0060-091</b>	Density:**** up to kg/dm³	1.8	1.3	1.8	1.3
			Weight (kg) Motor + pump tube	8.3	8.3	8.3	8.3	
Low-voltage release (LVR): Prevents the pump from starting up again without warning after a power failure. It is recommended when pumping hazardous liquids.	<b>MA II 7</b>		Characteristic curve no.	407	406	407	406	
	Output: 795 W	795 W	Flow rate* up to l/min.	115	210	115	210	
	Voltage: 230 V	230 V	Delivery head* up to mWS	20	13	20	13	
	LVR.: no	yes	Viscosity** up to mPas	500	400	500	400	
Order No.	<b>0060-002</b>	<b>0060-010</b>	Density:**** up to kg/dm³	1.9	1.4	1.9	1.4	
			Weight (kg) Motor + pump tube	9.5	9.5	9.5	9.5	
	<b>MD1xL</b>	<b>MD2xL</b>	Characteristic curve no.	409	408	409	408	
	Output: 1000 W	1000 W	Flow rate* up to l/min.	124	276	124	276	
	Operating pressure: 6 bar	6 bar	Delivery head* up to mWS	35	20	35	20	
	Order No.	<b>0004-725</b>	<b>0004-735</b>	Viscosity** up to mPas	1000	1000	1000	1000
			Density:**** up to kg/dm³	2.8	2.8	2.8	2.8	
			Weight (kg) Motor + pump tube	4.3	4.3	4.3	4.3	
	<b>B4/GT</b>		Characteristic curve no.	411	410	411	410	
	Output: 750 W	750 W	Flow rate* up to l/min.	100	180	100	180	
	Voltage: 230/400 V	230/400 V	Delivery head* up to mWS	12	13	12	13	
	Protection switch no	yes	Viscosity** up to mPas	500	400	500	400	
Order No.	<b>0004-050</b>	<b>0004-052</b>	Density:**** up to kg/dm³	2.2	2.0	2.2	2.0	
			Weight (kg) Motor + pump tube	14.7	14.7	14.7	14.7	

\* Determined with water at 20 °C  
\*\* Determined with oil

\*\*\* Special lengths 200–2500 mm on request

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

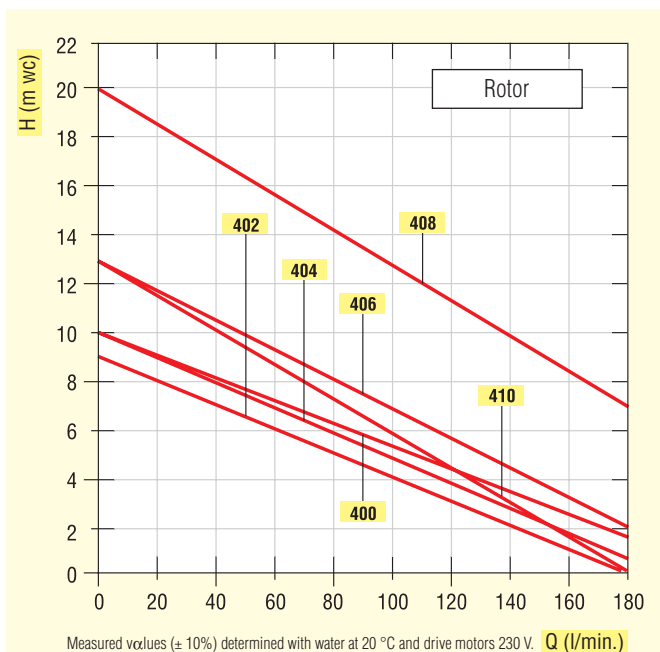
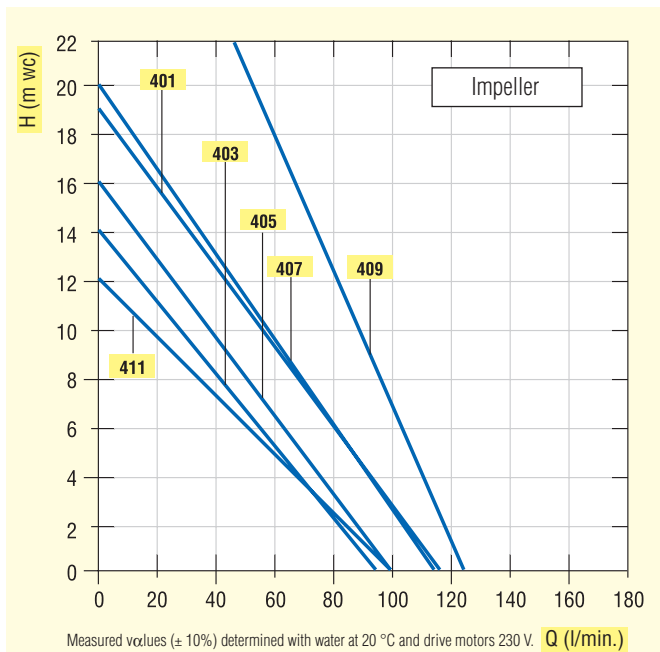
Special voltages and frequencies on request.

# Pump Tube SS (stainless steel)

for corrosive and neutral liquids

## Materials (coming into contact with the pumped medium):

Version:	SL	MS	SL PURE	MS PURE
Housing:	SS (1.4571)	SS (1.4571)	SS (1.4571)	SS (1.4571)
Impeller/Rotor:	ETFE	ETFE	PP	ETFE
Seals:	none	FPM	none	EPDM, FPM
Mechanical seal:	none	Carbon, Ceramic, FPM, Stainless steel	none	Carbon, Ceramic, FPM, EPDM, Stainless steel
Bearing:	Pure Carbon	Pure Carbon	Pure Carbon	Pure Carbon
Drive shaft:	SS (1.4571)	SS (1.4571)	SS (1.4571)	SS (1.4571)



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 83



Illustration shows:  
pump tube SS with  
motor MA II



With selected accessories  
(see page 96) the pump tube  
also can be used for pump-  
ing cold-pressed  
rapeseed- and vegetable oils.



Pump tube also available in  
PURE version with Tri-Clamp  
connection. All materials coming  
into contact with the pumped  
medium are physiologically safe.  
The pump tubes are mainly used  
in the food-, cosmetics- and  
pharmaceutical industry.  
Additional costs see price list.

Length

Utilisable Length (Length -40 mm)



Suitable range of accessories  
see pages 80-96