





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	L	R	L	R			
	Category 1 / 2 (acc. to Atex 100a)	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	1.4571	1.4571	1.4571	1.4571		
		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.	0150-003	0150-000	0151-003	0151-000		
	Length: 1000 mm***	Order No.	0150-004	0150-001	0151-004	0151-001		
	Length: 1200 mm***	Order No.	0150-005	0150-002	0151-005	0151-002		
	Length: 1400 mm***	Order No.	0150-108	0150-113	–	–		
	Length: 1500 mm***	Order No.	0150-109	0150-114	–	–		
	Length: 1600 mm***	Order No.	0150-110	0150-115	–	–		
Length: 1700 mm***	Order No.	0150-111	0150-116	–	–			
Length: 2000 mm***	Order No.	0150-112	0150-117	–	–			
Choice of motors		Operating data						
	MI 4	MI 4-E	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 m wc	19	10	19	10	
	Voltage: 230 V	230 V	Viscosity** up to mPas	500	350	500	350	
	Order No. 0030-000	0030-001	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		
	MA II 3		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 m wc	14	9	14	9	
	LVR.: no	yes	Viscosity** up to mPas	200	350	200	350	
	Order No. 0060-000	0060-008	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	
	MA II 5	MA II 5	MA II 5 S	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 m wc	16	10	16	10
	LVR.: no	yes	no	Viscosity** up to mPas	700	550	700	550
		acid-proof	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.	MA II 7		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 m wc	20	13	20	13	
	LVR.: no	yes	Viscosity** up to mPas	500	400	500	400	
	Order No. 0060-002	0060-010	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		
	MD-1	MD-2	Characteristic curve no.	409	408	409	408	
	Output: 400 W	400 W	Flow rate* up to l/min.	110	210	110	210	
	Operating pressure: 6 bar	6 bar	Delivery head* up to m wc	20	12	20	12	
	Order No. 0004-087	0004-088	Viscosity** up to mPas	500	400	500	400	
			Density**** up to kg/dm³	1.8	1.3	1.8	1.3	
		Weight (kg) motor + pump tube	4.4	4.4	4.4	4.4		
	B4/GT		Characteristic curve no.	411	410	411	410	
	Output: 750 W	750 W	Flow rate* up to l/min.	105	170	105	170	
	Voltage: 230/400 V	230/400 V	Delivery head* up to m wc	12	11	12	11	
	Protection switch: no	yes	Viscosity** up to mPas	500	400	500	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	13.9	13.9	13.9	13.9		

*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.

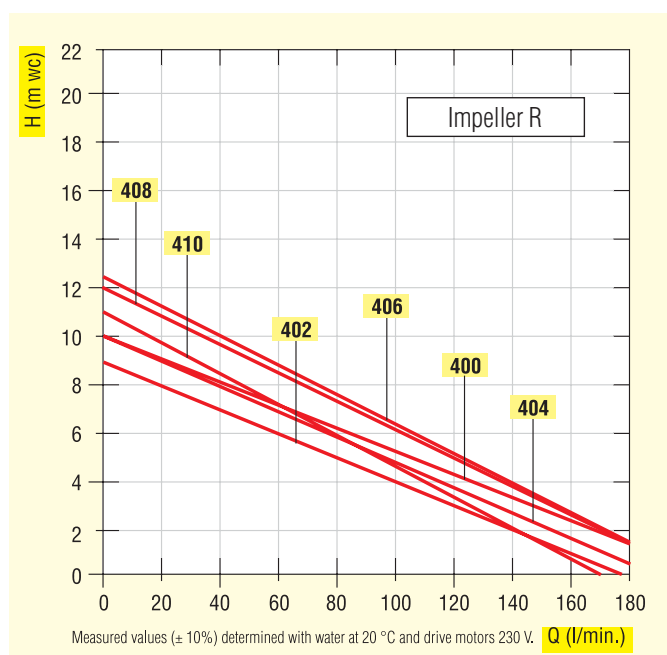
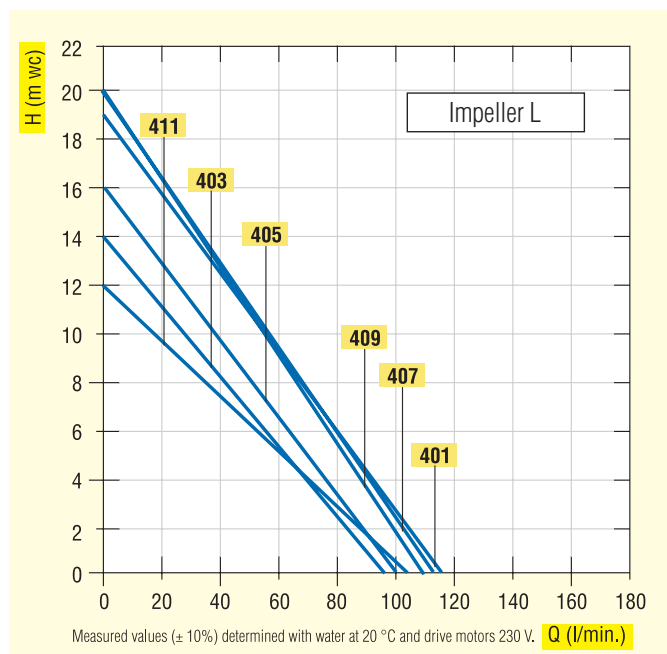
Pump Tube SS (stainless steel)

for corrosive and neutral liquids

Materials (coming into contact with the pumped medium)

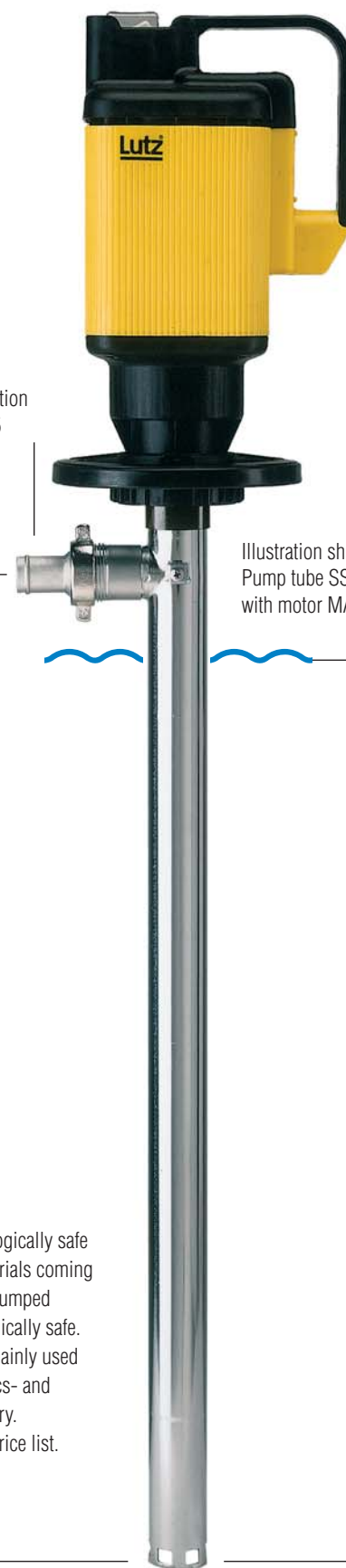
	SS-SL	SS-MS
Housing:	Stainless steel (1.4571)	Stainless steel (1.4571)
Impeller:	ETFE	ETFE
Seals:	none	Viton®
Mechanical seal:	none	Carbon, Ceramic, Viton®, Stainless steel
Bearing:	pure Carbon	pure Carbon
Drive shaft:	Stainless steel (1.4571)	Stainless steel (1.4571)

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



Pump tube in physiologically safe version (PU). 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.

Detail dimensions see Chapter 06 page 260



Suitable range of accessories
see pages 102-115