

Lutz Drum and Container Pumps

Pump tube MP-SS (stainless steel) for mixing and pumping of corrosive and neutral liquids

Product detail	Pump tube	MP-SS GLRD			
	Type of impeller:	Rotor			
	Category 1 / 2 (acc. to ATEX)	yes			
	Immersion tube diameter:	up to mm	41		
	Temperature of medium:	up to °C	100		
	Material:	Pump tube	1.4571		
		Rotor	ETFE		
	Hose connection:	Nominal diameter mm	19-32		
		Outer thread	G 1 1/4		
Length: 1000 mm***	Order No.	0151-240			
Length: 1225 mm***	Order No.	0151-255			
Choice of motors		Operating data			
	MI 4	MI 4-E	Characteristic curve no.	900	
	-	with speed controller	Flow rate* up to l/min.	210	
	Output: 500 W	500 W	Delivery head* up to mWS	10	
	Voltage: 230 V	230 V	Viscosity** up to mPas	350	
Order No.	0030-000	0030-001	Density:**** up to kg/dm ³	1.1	
			Weight (kg) Motor + pump tube	6.0	
	MA II 3		Characteristic curve no.	901	
	Output: 460 W	460 W	Flow rate* up to l/min.	178	
	Voltage: 230 V	230 V	Delivery head* up to mWS	9	
	LVR.: no	yes	Viscosity** up to mPas	200	
	Order No.	0060-000	0060-008	Density:**** up to kg/dm ³	1.2
				Weight (kg) Motor + pump tube	7.8
	MA II 5	MA II 5	MA II 5 S	Characteristic curve no.	902
	Output: 575 W	575 W	575 W	Flow rate* up to l/min.	190
	Voltage: 230 V	230 V	230 V	Delivery head* up to mWS	10
	LVR.: no	yes	no	Viscosity** up to mPas	550
Order No.	0060-001	0060-009	0060-091	Density:**** up to kg/dm ³	1.3
				Weight (kg) Motor + pump tube	8.6
<p>Low-voltage release (LVR): Prevents the pump from starting up again without warning after a power failure. It is recommended when pumping hazardous liquids.</p>	MA II 7		Characteristic curve no.	903	
	Output: 795 W	795 W	Flow rate* up to l/min.	210	
	Voltage: 230 V	230 V	Delivery head* up to mWS	13	
	LVR.: no	yes	Viscosity** up to mPas	400	
Order No.	0060-002	0060-010	Density:**** up to kg/dm ³	1.4	
			Weight (kg) Motor + pump tube	9.8	
	MD1xL	MD2xL	Characteristic curve no.	904	
	Output: 1000 W	1000 W	Flow rate* up to l/min.	245	
	Operating pressure: 6 bar	6 bar	Delivery head* up to mWS	21	
	Order No.	0004-725	0004-735	Viscosity** up to mPas	1000
			Density:**** up to kg/dm ³	2.8	
			Weight (kg) Motor + pump tube	4.6	
	B4/GT		Characteristic curve no.	905	
	Output: 750 W	750 W	Flow rate* up to l/min.	140	
	Voltage: 230/400 V	230/400 V	Delivery head* up to mWS	10.5	
	Protection switch no	yes	Viscosity** up to mPas	400	
	Order No.	0004-050	0004-052	Density:**** up to kg/dm ³	2.0
				Weight (kg) Motor + pump tube	15.0

* Determined with water at 20 °C

** Determined with oil

*** Special lengths

600–2500 mm on request

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

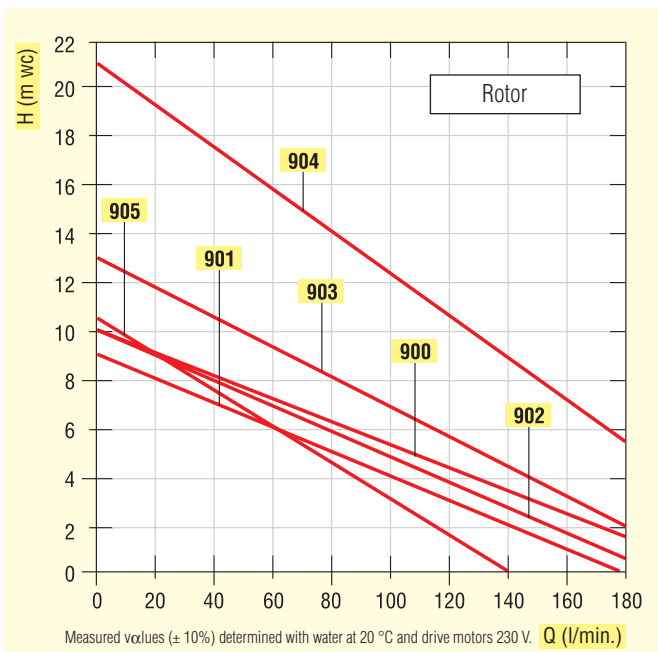
Special voltages and frequencies on request.

Pump Tube MP-SS (stainless steel)

for mixing and pumping of corrosive and neutral liquids

Materials (coming into contact with the pumped medium):

Version:	MS	MS PURE
Housing:	Stainless steel (1.4571)	Stainless steel (1.4571)
Rotor:	ETFE	ETFE
Seals:	FPM (FEP coated)	FPM
Mechanical seals:	Carbon, Ceramic, PTFE, HC-4 (2.4610), Stainless steel 1.4571)	Carbon, Ceramic, PTFE, HC-4 (2.4610), Stainless steel 1.4571)
Bearing:	Pure Carbon	Pure Carbon
Drive shaft:	Stainless steel (1.4571)	Stainless steel (1.4571)



Accessories
hose connection
see page 83

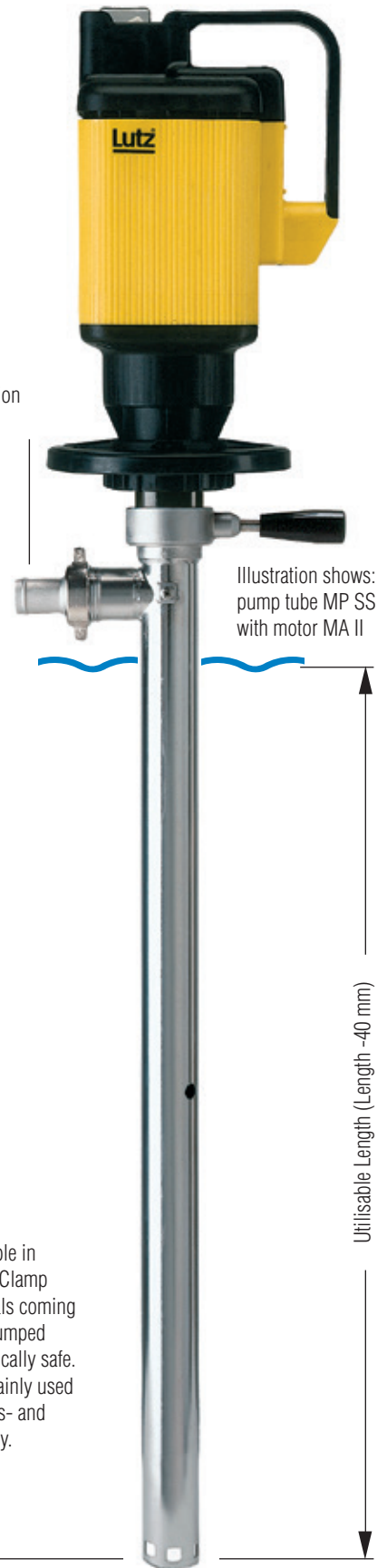


Illustration shows:
pump tube MP SS
with motor MA II

Length

Utilisable Length (Length -40 mm)



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.

Tip

Which pump for which liquid?
See resistance table

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