

Lutz Drum and Container Pumps

Pump tube MP-SS PURE (stainless steel) for mixing and pumping of aqueous and fatty foodstuffs

Product detail	Pump tube	MP-SS MS	MP-SS MS	
	Type of impeller	Rotor	Rotor	
	Category 1 / 2 (acc. to ATEX)	no	yes	
	Immersion tube diameter:	up to mm	41	41
	Temperature of medium:	up to °C	100	100
	Material:	Pump tube	1.4571	1.4571
		Rotor	SS	ETFE
	Hose connection:	Tri-Clamp DN	32	32
	Length: 1000 mm*** ▲	Order No. basic pump	0151-240	0151-240
	Length: 1225 mm*** ▲	Order No. basic pump	0151-255	0151-255
	Version: PURE FPM ▲	Order No. additional price	-	0151-355
Version: PURE EPDM ▲	Order No. additional price	0151-356	0151-357	

▲ Please choose Order No. basic pump + Order No. PURE additional price

Choice of motors

Operating data

	MI 4	MI 4-E	Characteristic curve no. Flow rate* up to/min. Delivery head* up to m wc Viscosity** up to mPas Density**** up to kg/dm ³ Weight (kg) Motor + pump tube	900 210 10 350 1.1 6.0			
	-	with speed controller					
	Output: 500 W	500 W					
	Voltage: 230 V	230 V					
Order No.	0030-000	0030-001					
	MA II 3			Characteristic curve no. Flow rate* up to/min. Delivery head* up to m wc Viscosity** up to mPas Density**** up to kg/dm ³ Weight (kg) Motor + pump tube			
	Output: 460 W	460 W	901 178 9 200 1.2 7.8				
	Voltage: 230 V	230 V					
	LVR.: no	yes					
	Order No.	0060-000			0060-008		
	MA II 5	MA II 5			MA II 5 S	Characteristic curve no. Flow rate* up to/min. Delivery head* up to m wc Viscosity** up to mPas Density**** up to kg/dm ³ Weight (kg) Motor + pump tube	
	Output: 575 W	575 W			575 W		902 190 10 550 1.3 8.6
	Voltage: 230 V	230 V			230 V		
	LVR.: no	yes			no		
	Order No.	0060-001			0060-009		
MA II 7				Characteristic curve no. Flow rate* up to/min. Delivery head* up to m wc Viscosity** up to mPas Density**** up to kg/dm ³ Weight (kg) Motor + pump tube			
Output: 795 W	795 W	903 210 13 400 1.4 9.8					
Voltage: 230 V	230 V						
LVR.: no	yes						
Order No.	0060-002		0060-010				
	MD1xL		MD2xL		Characteristic curve no. Flow rate* up to/min. Delivery head* up to m wc Viscosity** up to mPas Density**** up to kg/dm ³ Weight (kg) Motor + pump tube	904 245 21 1000 2.8 4.6	
	Output: 1000 W		1000 W				
	Operating pressure: 6 bar		6 bar				
			infinitely variable speed				
	Order No.		0004-725				0004-735
	B4/GT				Characteristic curve no. Flow rate* up to/min. Delivery head* up to m wc Viscosity** up to mPas Density**** up to kg/dm ³ Weight (kg) Motor + pump tube		
	Output: 750 W	750 W	905 140 10.5 400 2.0 15.0				
	Voltage: 230/400 V	230/400 V					
	Protection switch	no		yes			
	Order No.	0004-050		0004-052			

Low-voltage release (LVR): Prevents the pump from starting up again without warning after a power failure. It is recommended when pumping hazardous liquids.

* Determined with water at 20 °C*** Special lengths

** Determined with oil 600–2500 mm on request

**** Determined with 3 m hose 3/4" and open nozzle 3/4".

Higher densities possible for shorter operating periods.

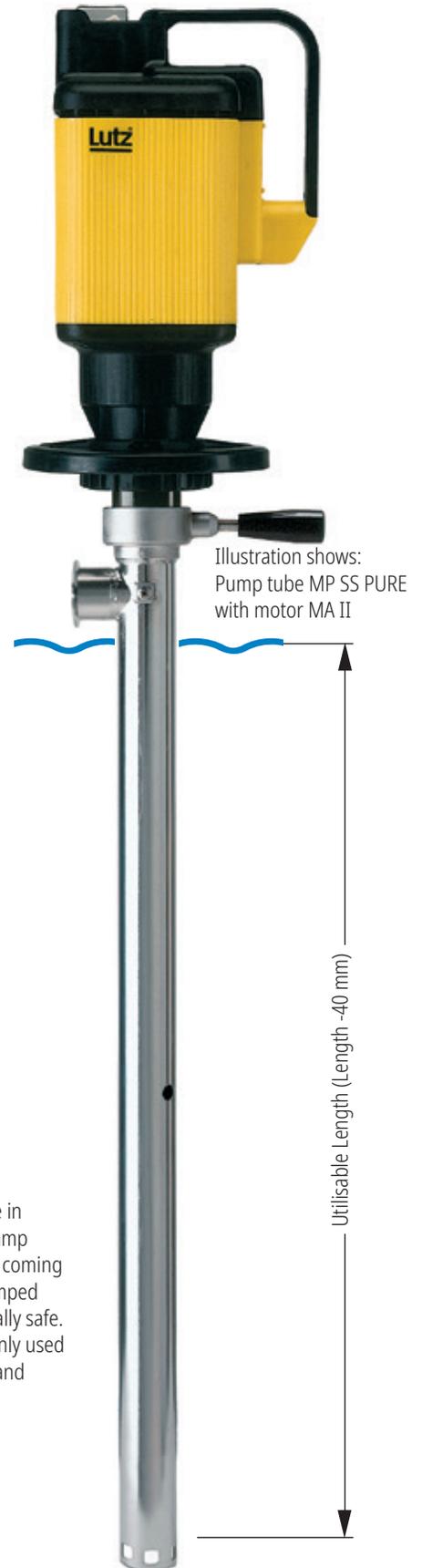
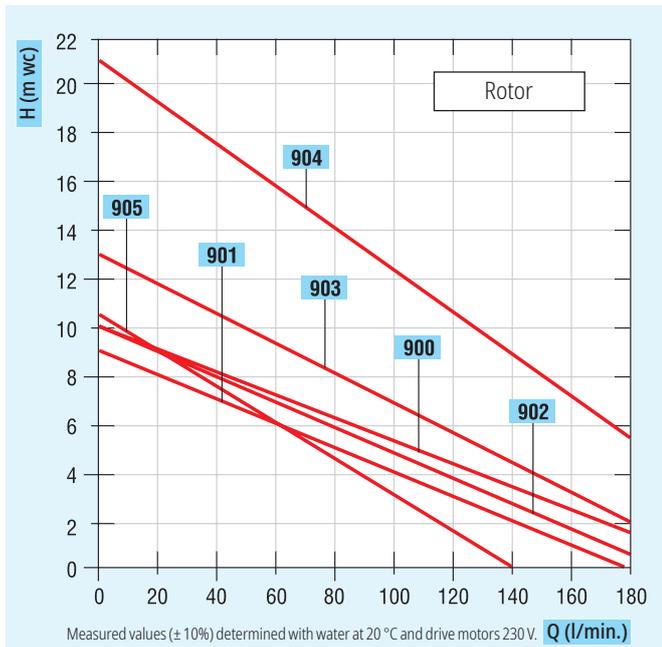
Special voltages and frequencies on request.

Pump tube MP-SS PURE (stainless steel)

for mixing and pumping of aqueous and fatty foodstuffs

Materials (coming into contact with the pumped medium):

Version:	MS-FPM	MS-EPDM
Housing:	stainless steel (1.4571)	stainless steel (1.4571)
Impeller:	ETFE	ETFE optional SS
Seals:	FPM, PTFE	EPDM, PTFE
Mechanical seal:	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)



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.