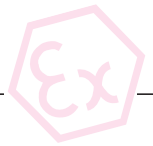








Lutz Drum and Container Pumps



Pump tube MP-SS (stainless steel) for mixing and pumping of highly inflammable liquids

Product detail	Pump tube	MP-SS MS	
	Type of impeller	R	
	Category 1 / 2 (acc. to Atex 100a)	yes	
	Immersion tube diameter:	up to mm	41
	Temperature of medium:	up to °C	100
	Material:	Pump tube	1.4571
		Impeller	ETFE
	Hose connection:	Nominal diameter mm	19-32
		Outer thread	G 1 1/4
	Length: 1000 mm***	Order No.	0151-240
Length: 1200 mm***	Order No.	0151-255	

Choice of motors Operating data

	ME II 3			Characteristic curve no.	950	
	Output:	460 W	460 W	Flow rate*	up to l/min. 178	
	Voltage:	230 V	230 V	Delivery head*	up to m wc 9	
	LVR.:	yes	no	Viscosity**	up to mPas 200	
			Density****	up to kg/dm³ 1.2		
	Order No.	0050-000	0050-016	Weight (kg)	motor + pump tube 9.0	
	ME II 5			Characteristic curve no.	951	
	Output:	580 W	580 W	Flow rate*	up to l/min. 190	
	Voltage:	230 V	230 V	Delivery head*	up to m wc 10	
	LVR.:	yes	no	Viscosity**	up to mPas 550	
			Density****	up to kg/dm³ 1.3		
	Order No.	0050-001	0050-017	Weight (kg)	motor + pump tube 9.9	
	ME II 7			Characteristic curve no.	952	
	Output:	795 W	795 W	Flow rate*	up to l/min. 210	
	Voltage:	230 V	230 V	Delivery head*	up to m wc 13	
	LVR.:	yes	no	Viscosity**	up to mPas 400	
			Density****	up to kg/dm³ 1.4		
	Order No.	0050-002	0050-018	Weight (kg)	motor + pump tube 11.1	
	ME II 8			Characteristic curve no.	953	
	Output:	930 W	930 W	Flow rate*	up to l/min. 243	
	Voltage:	230 V	230 V	Delivery head*	up to m wc 14.5	
	LVR.:	yes	no	Viscosity**	up to mPas 650	
			Density****	up to kg/dm³ 1.4		
	Order No.	0050-042	0050-041	Weight (kg)	motor + pump tube 11.1	
	MD-1 MD-2 MD-3			Characteristic curve no.	954	
	Output:	400 W	400 W	400 W	Flow rate*	up to l/min. 200
	Operating pressure:	6 bar	6 bar	6 bar	Delivery head*	up to m wc 12
					Viscosity**	up to mPas 400
				Density****	up to kg/dm³ 1.3	
	Order No.	0004-087	0004-088	0004-090	Weight (kg)	motor + pump tube 4.7

Low-voltage release (LVR.):

Prevents the pump from starting up again without warning after a power failure. In the hazardous location, motors with low-voltage release are absolutely prescribed.

* 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 MP-SS (stainless steel)

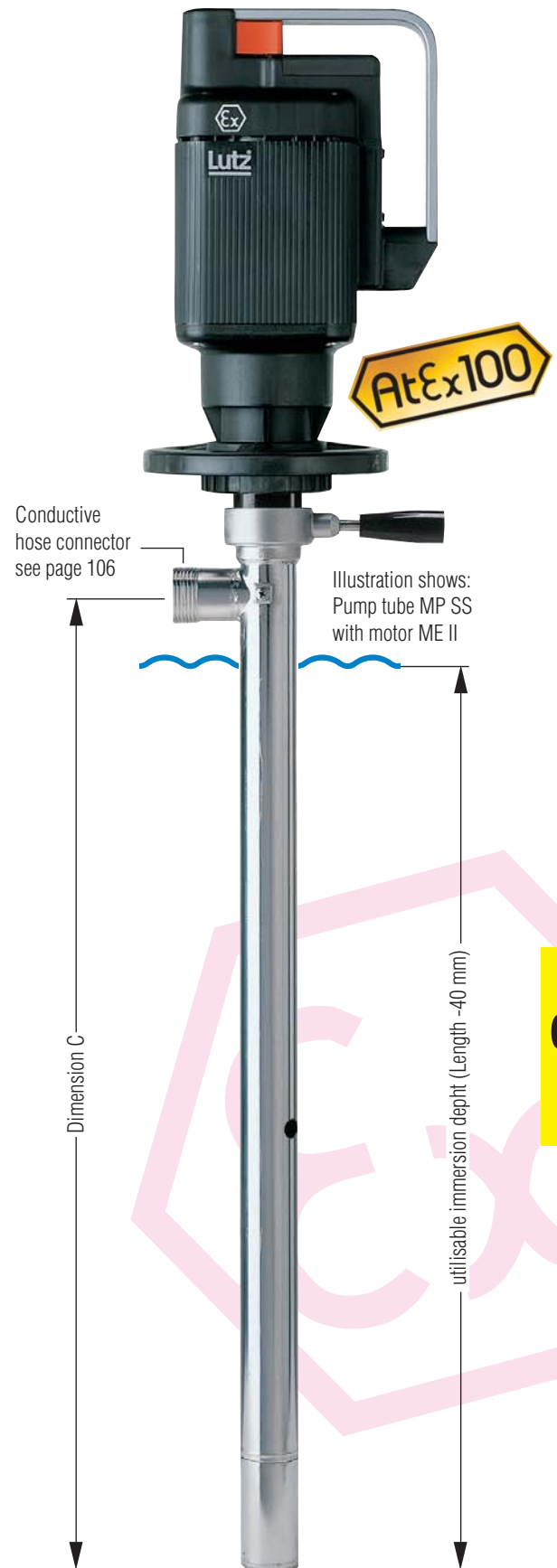
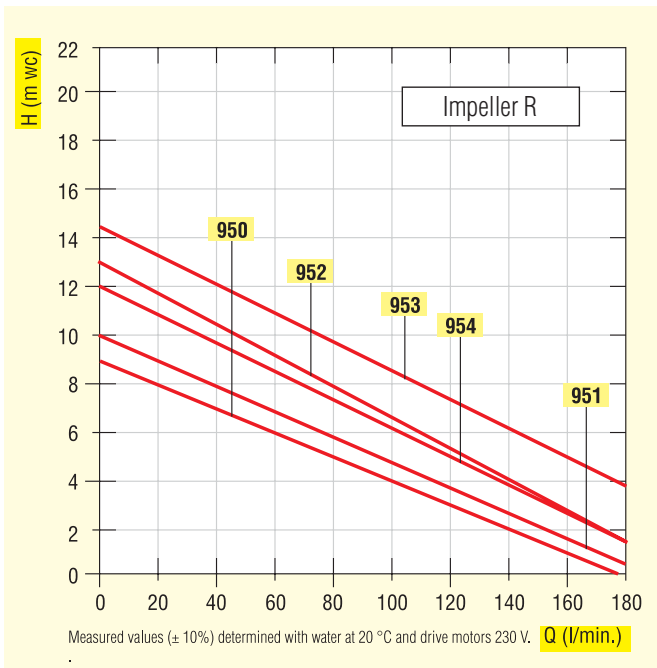
for mixing and pumping of highly inflammable liquids

Materials (coming into contact with the pumped medium)

MP-SS-MS

Housing:	Stainless steel (1.4571)
Impeller:	ETFE
Seals:	Viton®
Mechanical seal:	Carbon, Ceramic, PTFE, Stainless steel (1.4571), HC-4 (2.4610)
Bearing:	pure Carbon
Drive shaft:	Stainless steel (1.4571)

Viton® is a registered trademark of DuPont Dow Elastomers.



Detail dimensions see Chapter 06 page 260



Suitable range of accessories see pages 102-115

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.