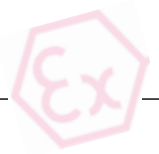



Lutz Drum and Container Pumps




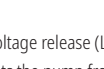



Pump tube SS PURE (stainless steel) for alcoholic, highly flammable foodstuffs

Product detail	Pump tube	SS-MS		
	Type of impeller	Impeller	Rotor	
	Category 1 / 2 (acc. to ATEX)	yes	yes	
	Immersion tube diameter:	up to mm	41	41
	Temperature of medium:	up to °C	100	100
	Material:	Pump tube	1.4571	1.4571
		Impeller/Rotor	ETFE	ETFE
	Hose connection:	Tri-Clamp DN	32	32
	Length: 700 mm*** ▲	Order No. basic pump	0151-003	0151-000
	Length: 1000 mm*** ▲	Order No. basic pump	0151-004	0151-001
	Length: 1200 mm*** ▲	Order No. basic pump	0151-005	0151-002
Version: PURE FPM ▲	Order No. additional price	0151-350	0151-351	
Version: PURE EPDM ▲	Order No. additional price	0151-352	0151-353	

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

Choice of motors Operating data

	ME II 3		Characteristic curve no.	453	452	453	452
	Output:	460 W 460 W	Flow rate* up to/min.	95	178	95	178
	Voltage:	230 V 230 V	Delivery head* up to m wc	14	9	14	9
	LVR.:	yes no	Viscosity** up to mPas	350	200	350	200
			Density**** up to kg/dm³	1.6	1.2	1.6	1.2
Order No. 0050-000 0050-016			Weight (kg) Motor + pump tube	8.7	8.7	8.7	8.7
	ME II 5		Characteristic curve no.	455	454	455	454
	Output:	580 W 580 W	Flow rate* up to/min.	100	190	100	190
	Voltage:	230 V 230 V	Delivery head* up to m wc	16	10	16	10
	LVR.:	yes no	Viscosity** up to mPas	700	550	700	550
			Density**** up to kg/dm³	1.8	1.3	1.8	1.3
Order No. 0050-001 0050-017			Weight (kg) Motor + pump tube	9.6	9.6	9.6	9.6
	ME II 7		Characteristic curve no.	457	456	457	456
	Output:	795 W 795 W	Flow rate* up to/min.	115	210	115	210
	Voltage:	230 V 230 V	Delivery head* up to m wc	20	13	20	13
	LVR.:	yes no	Viscosity** up to mPas	500	400	500	400
			Density**** up to kg/dm³	1.9	1.4	1.9	1.4
Order No. 0050-002 0050-018			Weight (kg) Motor + pump tube	10.8	10.8	10.8	10.8
	ME II 8		Characteristic curve no.	459	458	459	458
	Output:	930 W 930 W	Flow rate* up to/min.	123	243	123	243
	Voltage:	230 V 230 V	Delivery head* up to m wc	26	15	26	15
	LVR.:	yes no	Viscosity** up to mPas	750	650	750	650
			Density**** up to kg/dm³	1.9	1.4	1.9	1.4
Order No. 0050-042 0050-041			Weight (kg) Motor + pump tube	10.8	10.8	10.8	10.8
	MD1xL MD2xL		Characteristic curve no.	461	460	461	460
	Output:	1000 W 1000 W	Flow rate* up to/min.	124	276	124	276
	Operating pressure:	6 bar 6 bar	Delivery head* up to m wc	35	20	35	20
		infinitely variable speed	Viscosity** up to mPas	1000	1000	1000	1000
			Density**** up to kg/dm³	2.8	2.8	2.8	2.8
Order No. 0004-725 0004-735			Weight (kg) Motor + pump tube	4.3	4.3	4.3	4.3

Low-voltage release (LVR): Prevents the pump from starting up again without warning after a power failure. Compulsory for explosive areas, in case no special measures are taken (e.g. remote control).

* Determined with water at 20 °C*** 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.

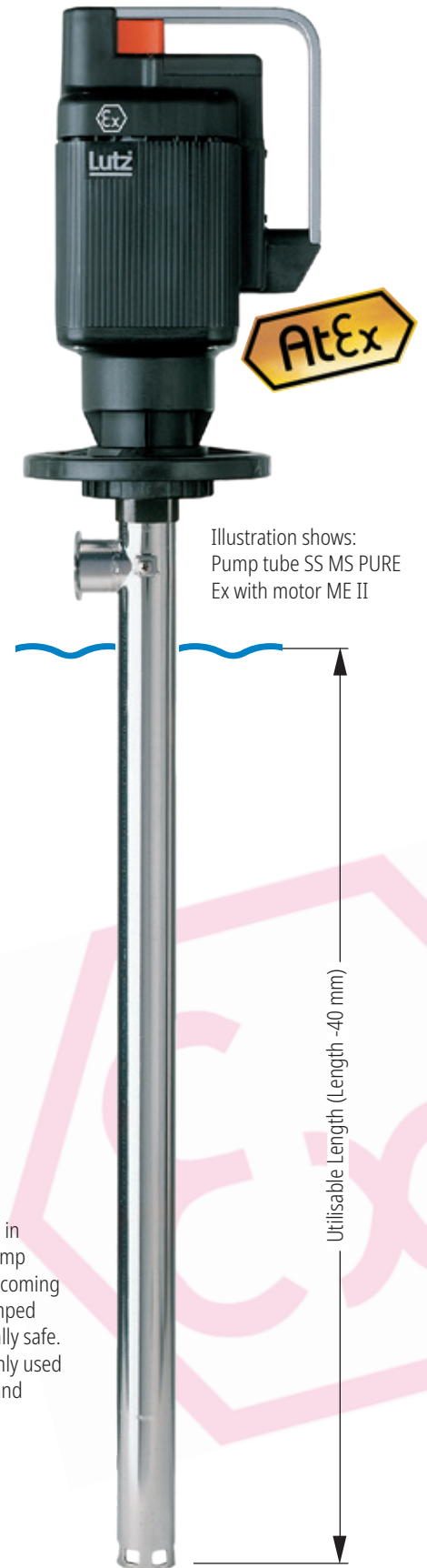
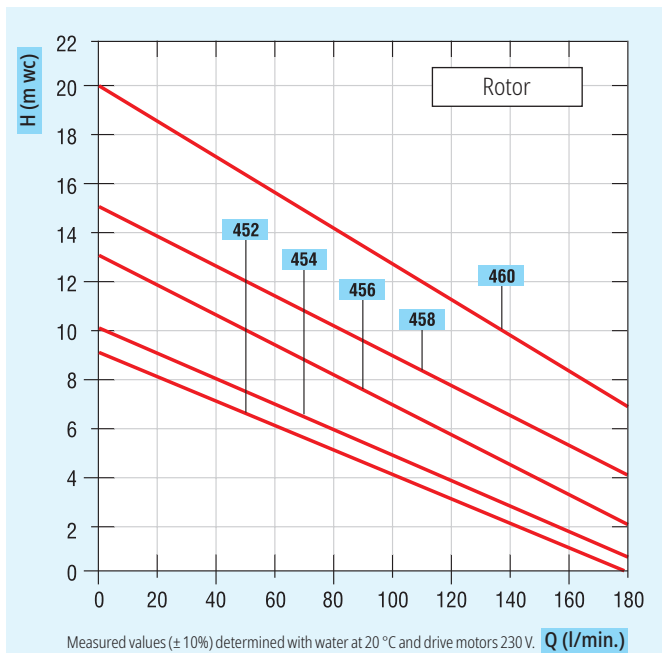
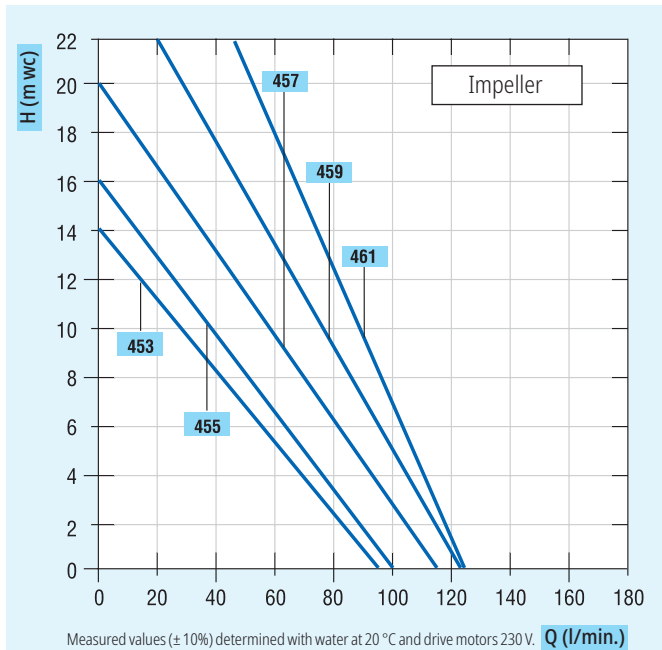
Special voltages and frequencies on request.

Pump tube SS PURE (stainless steel)

for alcoholic, highly flammable 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
Seals:	FPM	EPDM
Mechanical seal:	Carbon, Ceramic, PTFE, stainless steel, HC-4 (2.4610)	Carbon, Ceramic, PTFE, stainless steel, HC-4 (2.4610)
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.

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.