







Lutz Drum and Container Pumps



Pump tube SS (stainless steel) for highly flammable liquids

Product detail		Pump tube		SS-SL		SS-MS	
	Type of impeller:			Impeller	Rotor	Impeller	Rotor
	Category 1 / 2 (acc. to ATEX)			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/Rotor		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

	ME II 3		Characteristic curve no.	453	452	453	452	
	Output:	460 W 460 W	Flow rate*	up to l/min.	95	178	95	178
	Voltage:	230 V 230 V	Delivery head*	up to mWS	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 l/min.	100	190	100	190
	Voltage:	230 V 230 V	Delivery head*	up to mWS	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 l/min.	115	210	115	210
	Voltage:	230 V 230 V	Delivery head*	up to mWS	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 l/min.	123	243	123	243
	Voltage:	230 V 230 V	Delivery head*	up to mWS	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 l/min.	124	276	124	276
	Operating pressure:	6 bar 6 bar	Delivery head*	up to mWS	35	20	35	20
			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. In the hazardous location, motors with low-voltage release are absolutely prescribed.

* 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.

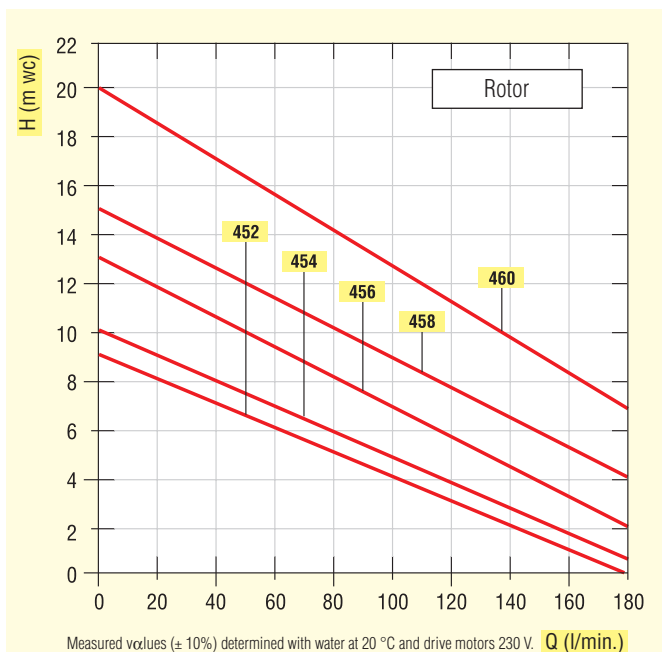
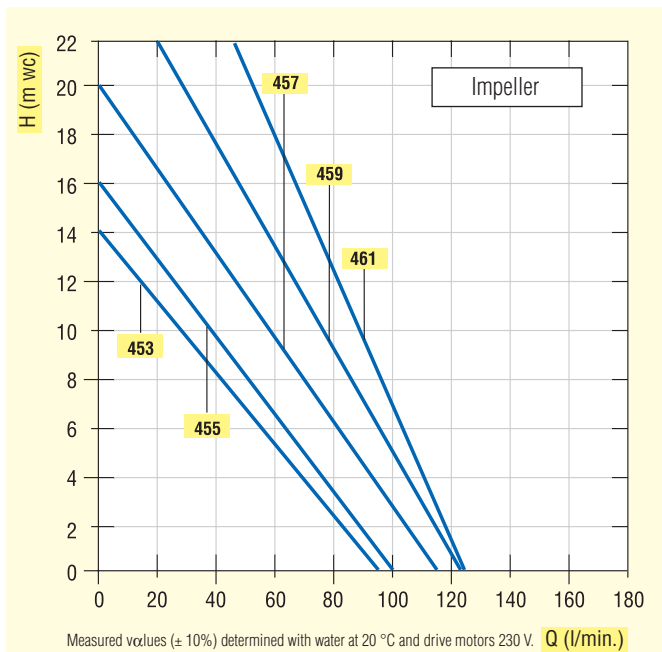
Special voltages and frequencies on request.

Pump Tube SS (stainless steel)

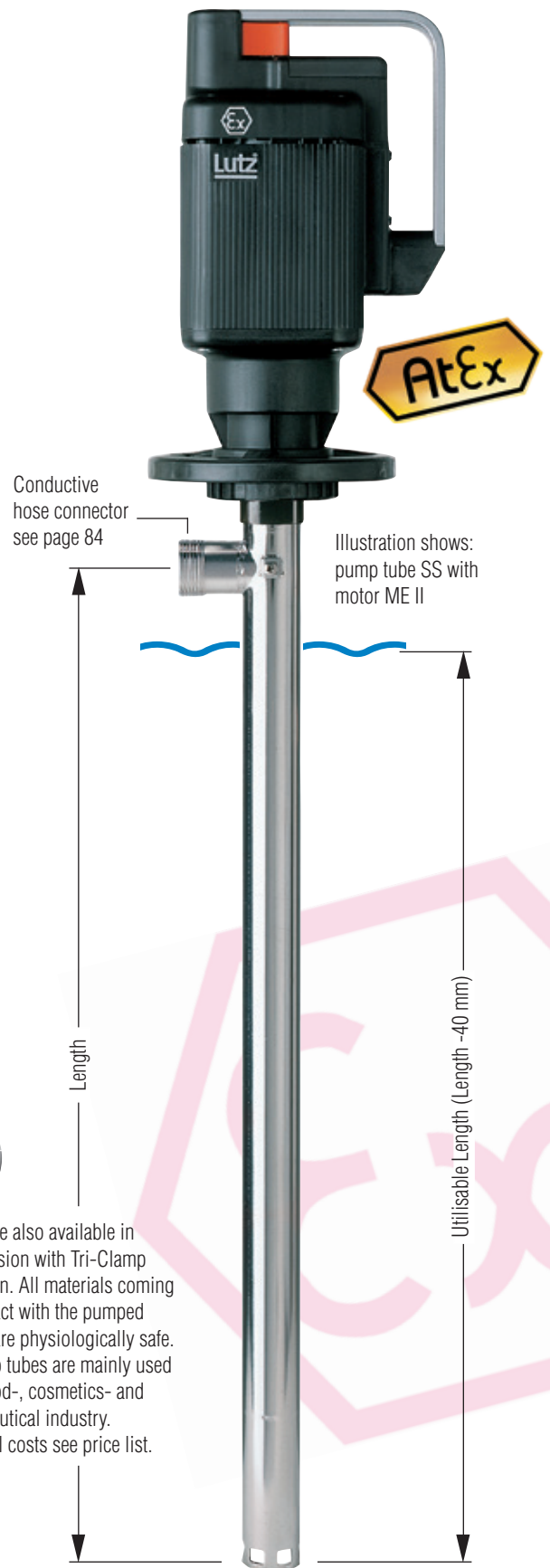
for highly flammable liquids

Materials (coming into contact with the pumped medium):

Version:	SL	MS	MS PURE
Housing:	SS (1.4571)	SS (1.4571)	SS (1.4571)
Impeller/Rotor:	ETFE	ETFE	ETFE
Seals:	none	FPM	FPM, EPDM
Mechanical seals:	none	Carbon, Ceramic, FPM, Stainless steel	Carbon, Ceramic, FPM, EPDM, Stainless steel
Bearing:	Pure Carbon	Pure Carbon	Pure Carbon
Drive shaft:	SS (1.4571)	SS (1.4571)	SS (1.4571)



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.



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. Additional costs see price list.



Suitable range of accessories see pages 80-96