

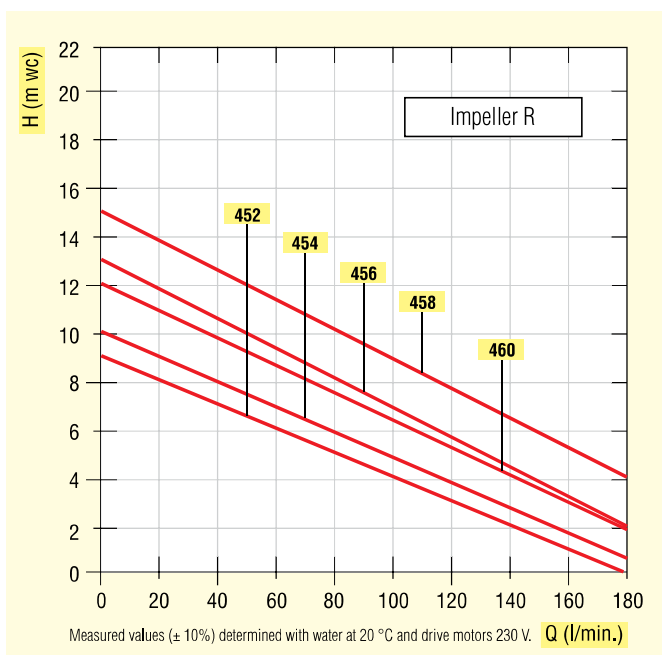
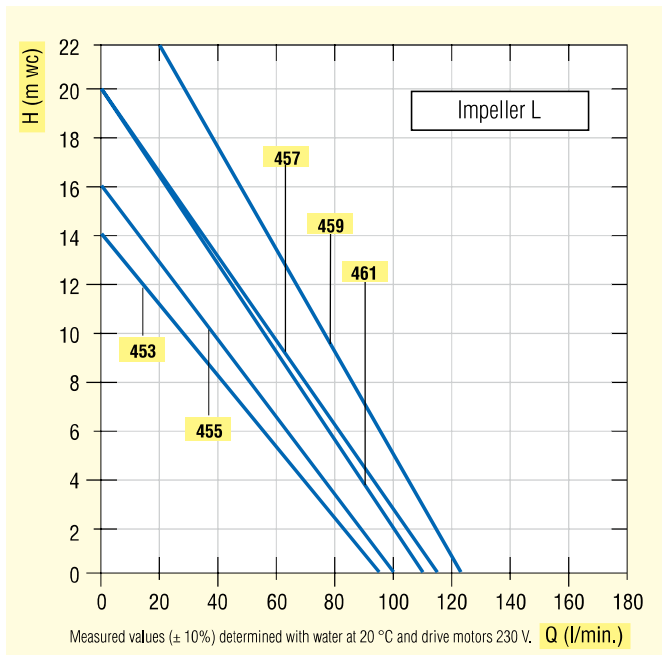
# Pump Tube SS (stainless steel)

for highly inflammable liquids

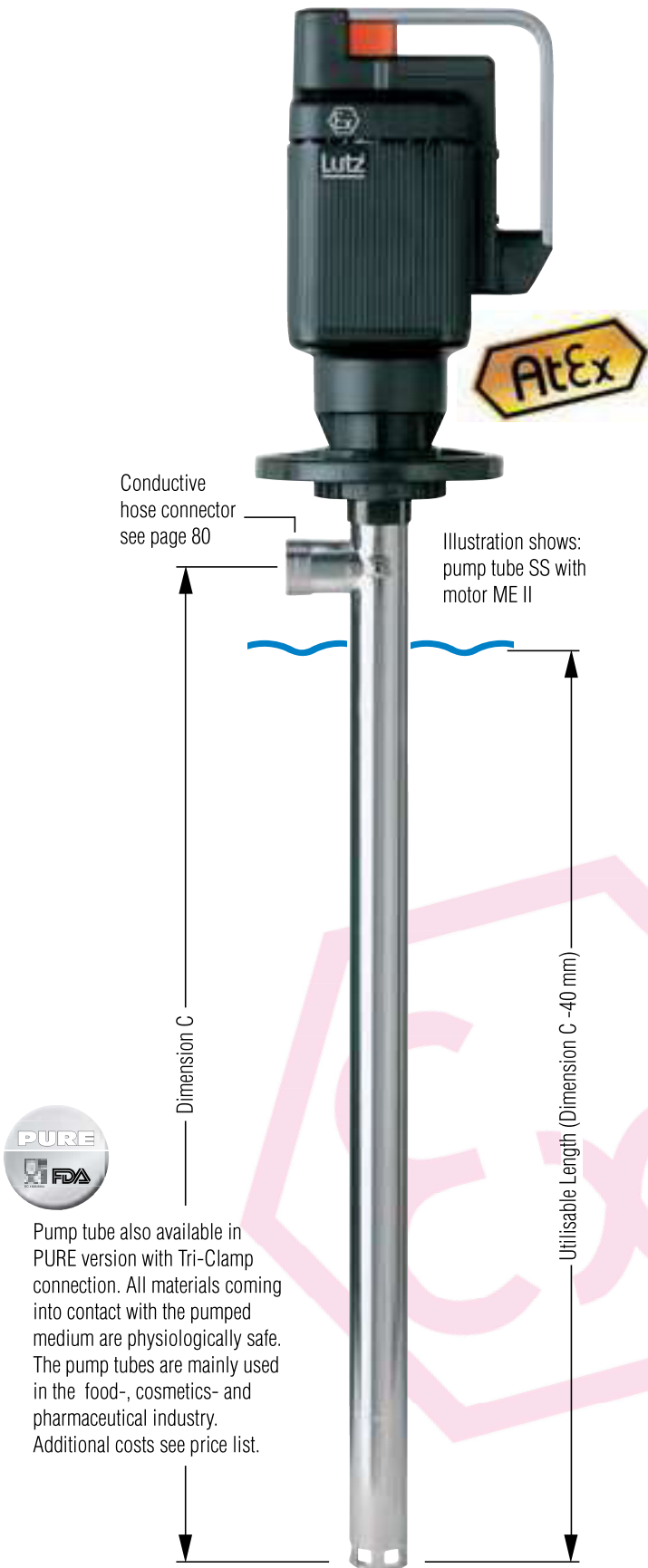
## Materials (coming into contact with the pumped medium):

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

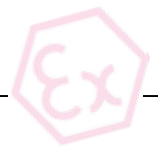
Viton® is a registered trademark of DuPont Performance Elastomers.




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.



# Lutz Drum and Container Pumps






## Pump tube SS (stainless steel) for highly inflammable liquids

Productdetail	Pump tube	SS-SL		SS-MS		
	Type of impeller	L	R	L	R	
	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	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.	<b>0150-003</b>	<b>0150-000</b>	<b>0151-003</b>	<b>0151-000</b>
	Length: 1000 mm***	Order No.	<b>0150-004</b>	<b>0150-001</b>	<b>0151-004</b>	<b>0151-001</b>
	Length: 1200 mm***	Order No.	<b>0150-005</b>	<b>0150-002</b>	<b>0151-005</b>	<b>0151-002</b>
	Length: 1400 mm***	Order No.	<b>0150-108</b>	<b>0150-113</b>	–	–
	Length: 1500 mm***	Order No.	<b>0150-109</b>	<b>0150-114</b>	–	–
	Length: 1600 mm***	Order No.	<b>0150-110</b>	<b>0150-115</b>	–	–
Length: 1700 mm***	Order No.	<b>0150-111</b>	<b>0150-116</b>	–	–	
Length: 2000 mm***	Order No.	<b>0150-112</b>	<b>0150-117</b>	–	–	

### Choice of motors

### Operating data

	<b>ME II 3</b>			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 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. <b>0050-000 0050-016</b>				Weight (kg)	Motor + pump tube	8.7	8.7	8.7	8.7	
	<b>ME II 5</b>			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 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. <b>0050-001 0050-017</b>				Weight (kg)	Motor + pump tube	9.6	9.6	9.6	9.6	
	<b>ME II 7</b>			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 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. <b>0050-002 0050-018</b>				Weight (kg)	Motor + pump tube	10.8	10.8	10.8	10.8	
<p>Low-voltage release (LVR.):</p> <p>Prevents the pump from starting up again without warning after a power failure. In the hazardous location, motors with low-voltage release are absolutely precribed.</p>	<b>ME II 8</b>			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 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. <b>0050-042 0050-041</b>				Weight (kg)	Motor + pump tube	10.8	10.8	10.8	10.8	
	<b>MD-1 MD-2 MD-3</b>			Characteristic curve no.	461	460	461	460		
	Output:	400 W	400 W	400 W	Flow rate*	up to l/min.	110	210	110	210
	Operating pressure:	6 bar	6 bar	6 bar	Delivery head*	up to m wc	20	12	20	12
				Viscosity**	up to mPas	500	400	500	400	
				Density****	up to kg/dm³	1.8	1.3	1.8	1.3	
Order No. <b>0004-087 0004-088 0004-090</b>				Weight (kg)	Motor + pump tube	4.4	4.4	4.4	4.4	

▲ PURE version  
Tri-Clamp DN 32

\* 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.