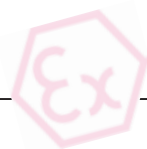








Lutz Drum and Container Pumps



Pump tube HC (Hastelloy C) for highly flammable chemicals

Product detail	Pump tube	HC-SL		
	Type of impeller:	Impeller	Rotor	
	Category 1 / 2 (acc. to ATEX)	yes	yes	
	Immersion tube diameter:	up to mm	42	42
	Temperature of medium:	up to °C	120	120
	Material:	Pump tube Impeller/Rotor	HC ETFE	HC ETFE
	Hose connection:	Nominal diameter mm Outer thread	19-32 G 1 1/4	19-32 G 1 1/4
	Length: 1000 mm***	Order No.	0162-204	0162-201
	Length: 1200 mm***	Order No.	0162-205	0162-202

Choice of motors Operating data

 	ME II 3		Characteristic curve no.	553	552
	Output:	460 W 460 W	Flow rate* up to l/min.	95	178
	Voltage:	230 V 230 V	Delivery head* up to mWS	14	9
	LVR.:	yes no	Viscosity** up to mPas	350	200
	Order No.	0050-000 0050-016	Density:**** up to kg/dm³	1.6	1.2
		Weight (kg) Motor + pump tube	10.2	10.2	
 	ME II 5		Characteristic curve no.	555	554
	Output:	580 W 580 W	Flow rate* up to l/min.	100	190
	Voltage:	230 V 230 V	Delivery head* up to mWS	16	10
	LVR.:	yes no	Viscosity** up to mPas	700	550
	Order No.	0050-001 0050-017	Density:**** up to kg/dm³	1.8	1.3
		Weight (kg) Motor + pump tube	11.1	11.1	
 	ME II 7		Characteristic curve no.	557	556
	Output:	795 W 795 W	Flow rate* up to l/min.	115	210
	Voltage:	230 V 230 V	Delivery head* up to mWS	20	13
	LVR.:	yes no	Viscosity** up to mPas	500	400
	Order No.	0050-002 0050-018	Density:**** up to kg/dm³	1.9	1.4
		Weight (kg) Motor + pump tube	12.3	12.3	
 	ME II 8		Characteristic curve no.	559	558
	Output:	930 W 930 W	Flow rate* up to l/min.	123	243
	Voltage:	230 V 230 V	Delivery head* up to mWS	26	15
	LVR.:	yes no	Viscosity** up to mPas	750	650
	Order No.	0050-042 0050-041	Density:**** up to kg/dm³	1.9	1.4
		Weight (kg) Motor + pump tube	12.3	12.3	
 	MD1xL MD2xL		Characteristic curve no.	561	560
	Output:	1000 W 1000 W	Flow rate* up to l/min.	124	276
	Operating pressure:	6 bar 6 bar	Delivery head* up to mWS	35	20
	Order No.	0004-725 0004-735	Viscosity** up to mPas	1000	1000
			Density:**** up to kg/dm³	2.8	2.8
		Weight (kg) Motor + pump tube	5.8	5.8	

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.

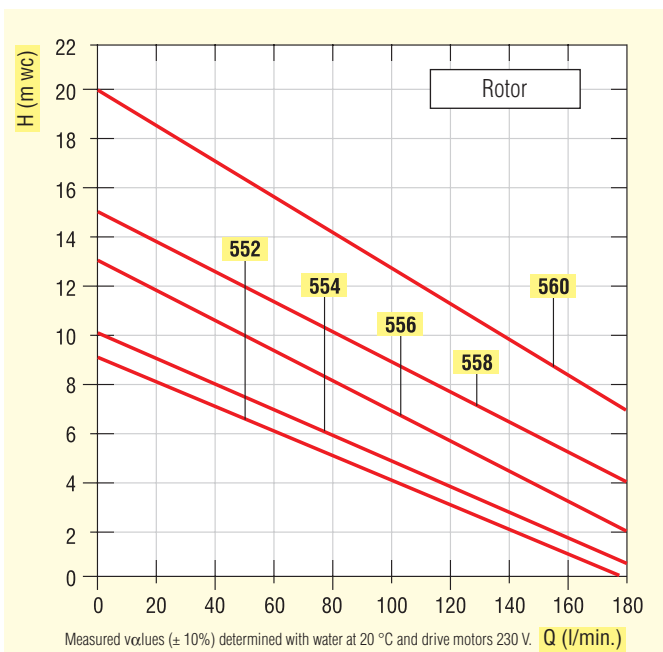
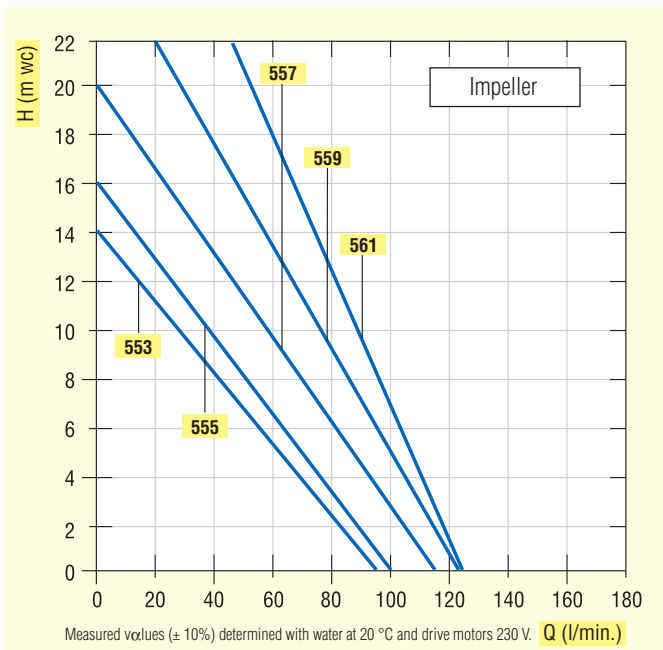
Special voltages and frequencies on request.

Pump Tube HC (Hastelloy C)

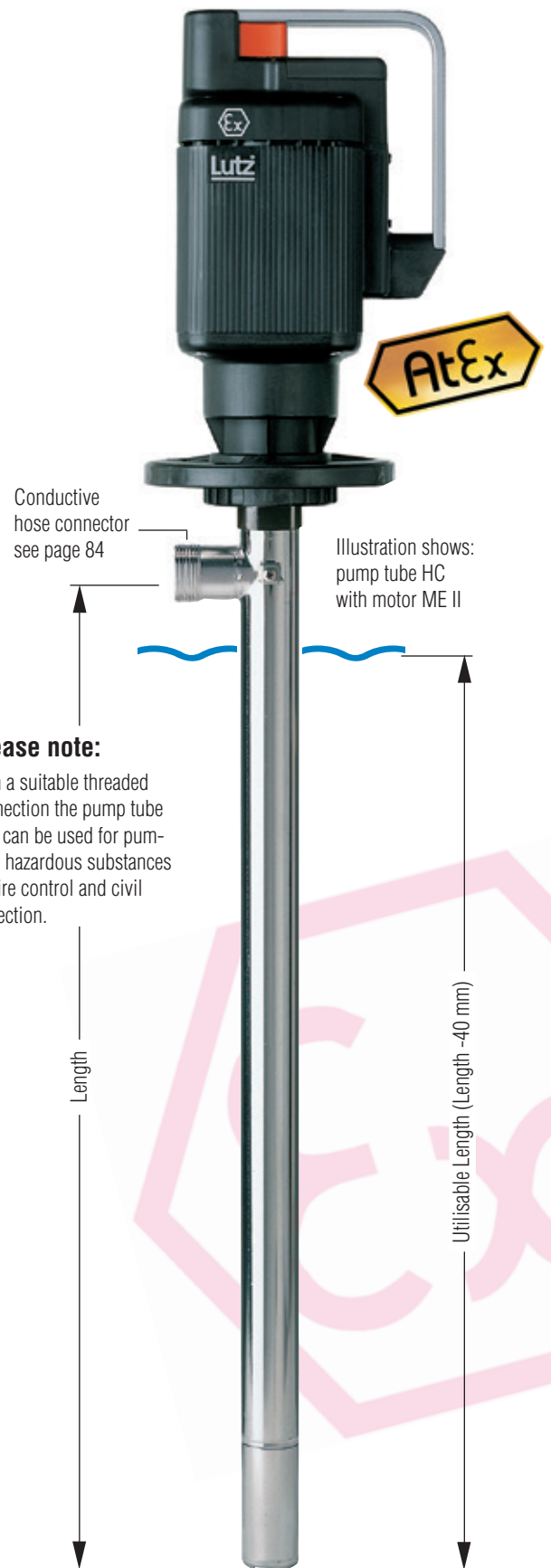
for highly flammable chemicals

Materials (coming into contact with the pumped medium):

Version:	SL
Housing:	HC-22 (2.4602)
Impeller/Rotor:	ETFE
Seals:	FPM (FEP coated)
Bearing:	ETFE, Carbon
Drive shaft:	HC-4 (2.4610)



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.



Please note:

With a suitable threaded connection the pump tube also can be used for pumping hazardous substances for fire control and civil protection.



Suitable range of accessories see pages 80-96