

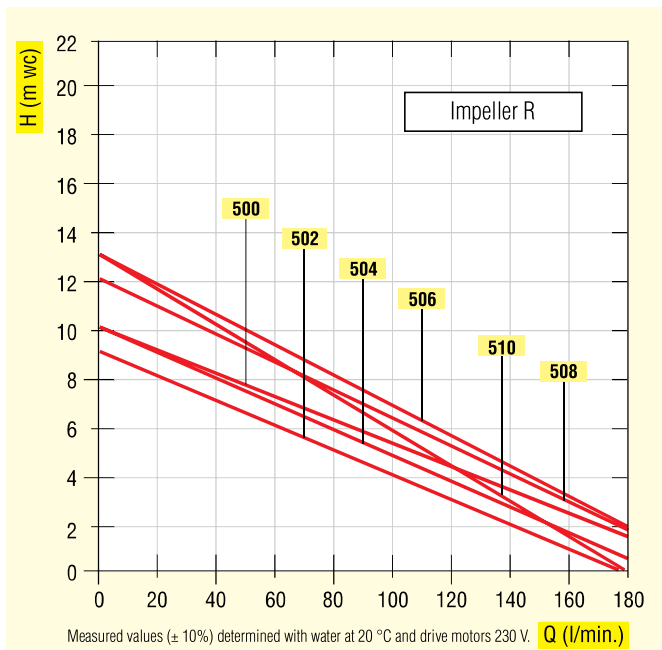
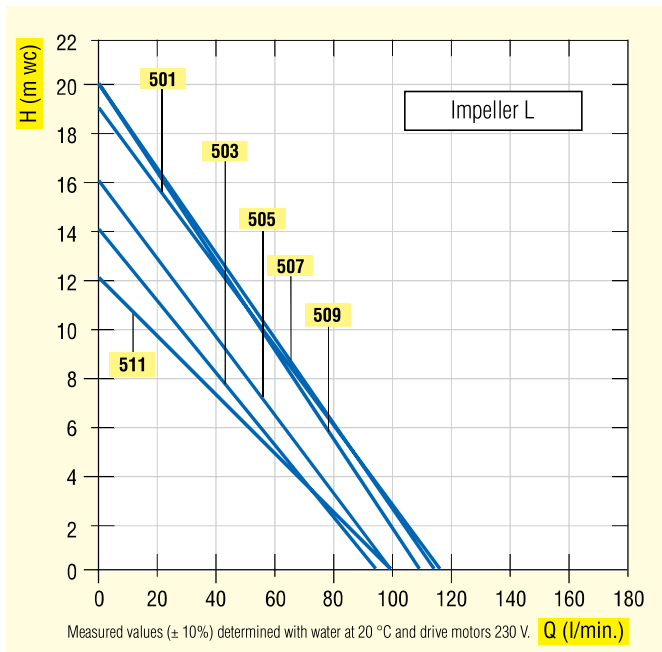
# Pump Tube HC (Hastelloy C)

for highly corrosive chemicals

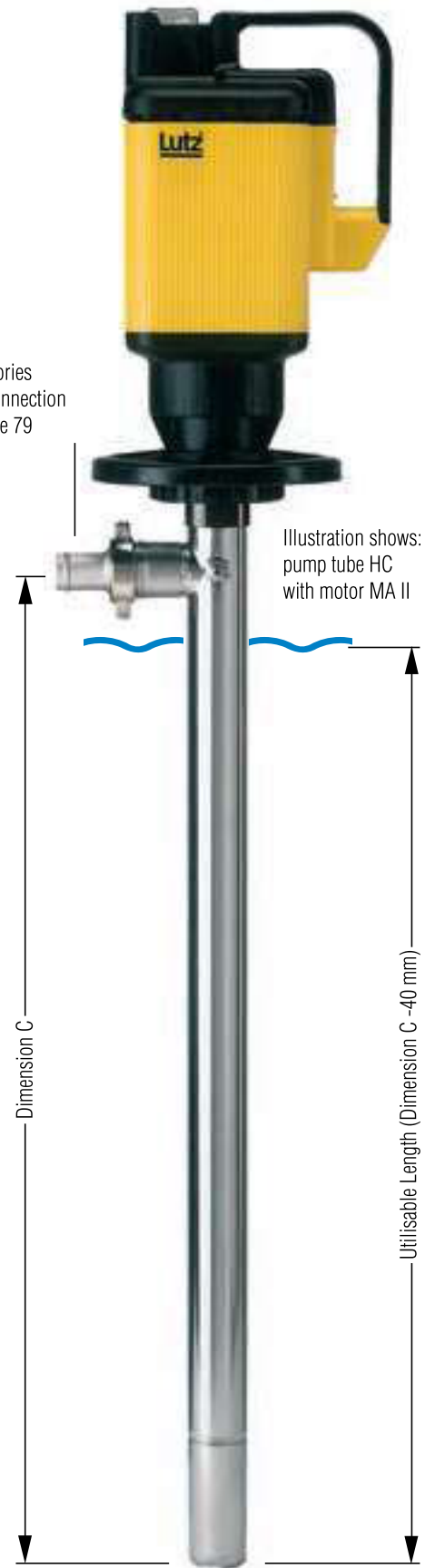
## Materials (coming into contact with the pumped medium):

<b>Version:</b>	<b>SL</b>
Housing:	HC-22 (2.4602)
Impeller:	ETFE
Seals:	Viton® (FEP coated)
Bearing:	ETFE, Carbon
Drive shaft:	HC-4 (2.4610)

Viton® is a registered trademark of DuPont Performance Elastomers.








Accessories  
hose connection  
see page 79



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 HC (Hastelloy C) for highly corrosive chemicals

Product detail	Pump tube	HC-SL					
	Type of impeller	L	R				
	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	HC	HC			
		Impeller	ETFE	ETFE			
	Hose connection:	Nominal diameter mm	19-32	19-32			
		Outer thread	G 1 1/4	G 1 1/4			
Length: 1000 mm***	Order No.	<b>0162-204</b>	<b>0162-201</b>				
Length: 1200 mm***	Order No.	<b>0162-205</b>	<b>0162-202</b>				
<b>Choice of motors</b>		<b>Operating data</b>					
	<b>MI 4</b>	<b>MI 4-E</b>	Characteristic curve no.	501	500		
	-	with speed	Flow rate* up to l/min.	117	210		
	Output: 500 W	500 W	Delivery head* up to m wc	19	10		
	Voltage: 230 V	230 V	Viscosity** up to mPas	500	350		
Order No.	<b>0030-000</b>	<b>0030-001</b>	Density**** up to kg/dm³	1.4	1.1		
			Weight (kg) Motor + pump tube	7.2	7.2		
	<b>MA II 3</b>		Characteristic curve no.	503	502		
	Output: 460 W	460 W	Flow rate* up to l/min.	95	178		
	Voltage: 230 V	230 V	Delivery head* up to m wc	14	9		
	LVR.: no	yes	Viscosity** up to mPas	350	200		
	Order No.	<b>0060-000</b>	<b>0060-008</b>	Density**** up to kg/dm³	1.6	1.2	
				Weight (kg) Motor + pump tube	9.0	9.0	
	<b>MA II 5</b>		<b>MA II 5</b>	<b>MA II 5 S</b>	Characteristic curve no.	505	504
	Output: 575 W	575 W	575 W	Flow rate* up to l/min.	100	190	
	Voltage: 230 V	230 V	230 V	Delivery head* up to m wc	16	10	
	LVR.: no	yes	no	Viscosity** up to mPas	700	550	
		acid-proof	Density**** up to kg/dm³	1.8	1.3		
Order No.	<b>0060-001</b>	<b>0060-009</b>	<b>0060-091</b>	Weight (kg) Motor + pump tube	9.8	9.8	
<p>Low-voltage release (LVR.): Prevents the pump from starting up again without warning after a power failure. It is recommended when pumping hazardous liquids.</p>	<b>MA II 7</b>		Characteristic curve no.	507	506		
	Output: 795 W	795 W	Flow rate* up to l/min.	115	210		
	Voltage: 230 V	230 V	Delivery head* up to m wc	20	13		
	LVR.: no	yes	Viscosity** up to mPas	500	400		
	Order No.	<b>0060-002</b>	<b>0060-010</b>	Density**** up to kg/dm³	1.9	1.4	
			Weight (kg) Motor + pump tube	11.0	11.0		
	<b>MD-1</b>	<b>MD-2</b>	Characteristic curve no.	509	508		
	Output: 400 W	400 W	Flow rate* up to l/min.	110	210		
	Operating-pressure: 6 bar	6 bar	Delivery head* up to m wc	20	12		
	Order No.	<b>0004-087</b>	<b>0004-088</b>	Viscosity** up to mPas	500	400	
			Density**** up to kg/dm³	1.8	1.3		
			Weight (kg) Motor + pump tube	5.9	5.9		
	<b>B4/GT</b>		Characteristic curve no.	511	510		
	Output: 750 W	750 W	Flow rate* up to l/min.	100	180		
	Voltage: 230/400 V	230/400 V	Delivery head* up to m wc	12	13		
	Protection switch: no	yes	Viscosity** up to mPas	500	400		
	Order No.	<b>0004+019</b>	<b>0004+067</b>	Density**** up to kg/dm³	2.2	2.0	
			Weight (kg) Motor + pump tube	15.2	15.2		

\* 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.