


# Lutz Eccentric Screw Pumps

## B70V-H-SR Sanitary 12.1, 25.1 and 50.1

Productdetail		Pump tube				B70V-H-SR Sanitary			
	Size		<b>12.1</b>	<b>25.1</b>	<b>50.1</b>				
	Seal	Mechanical seal (MS)	MS	MS	MS				
	Delivery rate*	up to l/min.	12	25	50				
	Delivery head*	up to bar	6	6	8				
	Temp. of medium	up to °C	100	100	100				
	Material pump tube		1.4404	1.4404	1.4404				
	Immersion tube diameter	mm	54	54	54				
	Pressure joint	Tri-Clamp	DN 50	DN 50	DN 50				
	Weight	kg	7	7	7				
	Length**	mm	1100	1100	1100				
	Stator EPDM	Order-No.	–	–	<b>0174-516</b>				
	Stator PTFE	Order-No.	<b>0174-017</b>	<b>0174-137</b>	<b>0174-517</b>				

\* Determined with water at 20 °C, three-phase motor (900 rpm)

\*\* Special length on request

### Choice of motors



Universal motors non-ex. proof	MI 4	MI 4-E	MA II 3	MA II 5	MA II 7
Type	500 W, 230 V	500 W, 230 V	460 W, 230 V	575 W, 230 V	795 W, 230 V
Protection class/Weight	IP 24 2.8 kg	IP 24 2.8 kg	IP 54 4.6 kg	IP 54 5.4 kg	IP 54 6.6 kg
	-	with speed contr.			
Order-No. (without low-voltage release)	<b>0030-000</b>	<b>0030-001</b>	<b>0060-000</b>	<b>0060-001</b>	<b>0060-002</b>
Order-No. (with low-voltage release)	–	–	<b>0060-008</b>	<b>0060-009</b>	<b>0060-010</b>



Compressed air motors	MD-1	MD-2	MD-3
Type	400 W	400 W	400 W
Operating pressure:	6 bar	6 bar	6 bar
Weight	1.1 kg	1.5 kg	2.1 kg
Order-No.	<b>0004-087</b>	<b>0004-088</b>	<b>0004-090</b>

Different voltages and frequencies on request

# B70V-H-SR Sanitary 12.1, 25.1 and 50.1

for viscosities up to 30,000 mPas

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

Version:	B70V-H-SR Sanitary 12.1/25.1/50.1
Housing:	Stainless steel (1.4404)
Rotor:	Stainless steel (1.4571)
Seals:	EPDM
Mechanical seal:	Carbon/SiC/EPDM (optional SiC/SiC/EPDM)
Drive shaft:	Stainless steel (1.4571)
Stator material:	PTFE, EPDM (Size 50.1)

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Accessories	Order No.
Hose connection DN 38 to Tri-Clamp DN 50	0172-746
Adapter fitting Tri-Clamp DN 50 for thread DIN 11851 Rd 78 x 1/6 (DIN 405)	0172-747
Fastener bracket Tri-Clamp DN 50 (DIN 32676) 1.4401 with seal EPDM	0172-745
Discharge spout Tri-Clamp DN 50	0172-748
Pump foot for drum inliner	0172-771

