






# Lutz Eccentric Screw Pumps

## B70V-H-SR SanitaryPlus 12.1, 25.1, 50.1

Product detail		Pump tube				B70V-H-SR SanitaryPlus			
	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 outer 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	8	8	8				
	Length**	mm	1100	1100	1100				
	Stator EPDM Seal EPDM	Order-No.	-	-	<b>0174-548</b>				
	Stator PTFE Seal FPM	Order-No.	<b>0174-094</b>	<b>0174-194</b>	<b>0174-594</b>				
	Stator PTFE Seal EPDM	Order-No.	<b>0174-044</b>	<b>0174-244</b>	<b>0174-544</b>				
	<p>* Determined with water at 20 °C, three-phase motor (900 rpm)</p> <p>** Special length on request</p> <p>● Explosion proof eccentric screw pump approved category 1 / 2 (acc. to ATEX) for pumping flammable liquids of the explosion group IIB (B70V-H) and temperature class T4 at 40 °C ambient temperature or temperature class T3 at 60 °C ambient temperature</p>								
									
<b>Choice of motors</b>									
	<b>Universal motors non-ex. proof</b>	<b>MI 4</b>	<b>MI 4-E</b>	<b>MA II 3</b>	<b>MA II 5</b>	<b>MA II 7</b>			
	Type	500 W, 230 V	500 W, 230 V	460 W, 230 V	575 W, 230 V	795 W, 230 V			
	Protection type/Weight	IP 24 2.8 kg without speed controller	IP 24 2.8 kg with speed controller	IP 54 4.6 kg	IP 54 5.4 kg	IP 54 6.6 kg			
	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>				
	<b>Universal motors ex. proof</b>	<b>ME II 3</b>	<b>ME II 5</b>	<b>ME II 7</b>	<b>ME II 8</b>				
	Type	460 W, 230 V	580 W, 230 V	795 W, 230 V	930 W, 230 V				
	Protection type/Weight	IP 54 5.5 kg	IP 54 6.3 kg	IP 54 7.5 kg	IP 54 8 kg				
	Order-No. (with low-voltage release)	<b>0050-000</b>	<b>0050-001</b>	<b>0050-002</b>	<b>0050-042</b>				
Order-No. (without low-voltage release)	<b>0050-016</b>	<b>0050-017</b>	<b>0050-018</b>	<b>0050-041</b>					
	<b>Compressed air motors</b>	<b>MD1xL</b>	<b>MD2xL</b>						
	Type	1000 W	1000 W						
	Operating pressure	6 bar	6 bar						
	Weight	1.0 kg	1.4 kg						
Order-No.	<b>0004-725</b>	<b>0004-735</b>							

For sticky and hardening liquids please contact our Lutz head office to select the suitable pump.

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

for viscosities from 1 - 100,000 mPas (Compressed air motors)  
1 - 30,000 mPas (Universal motors)

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

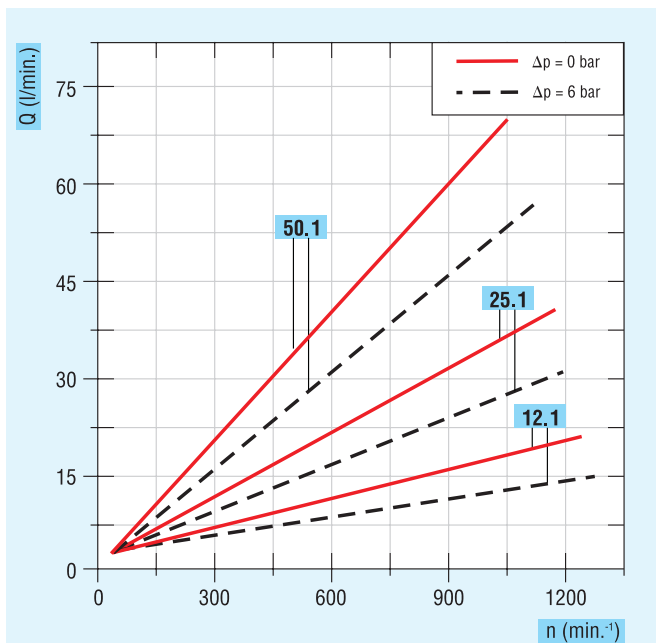
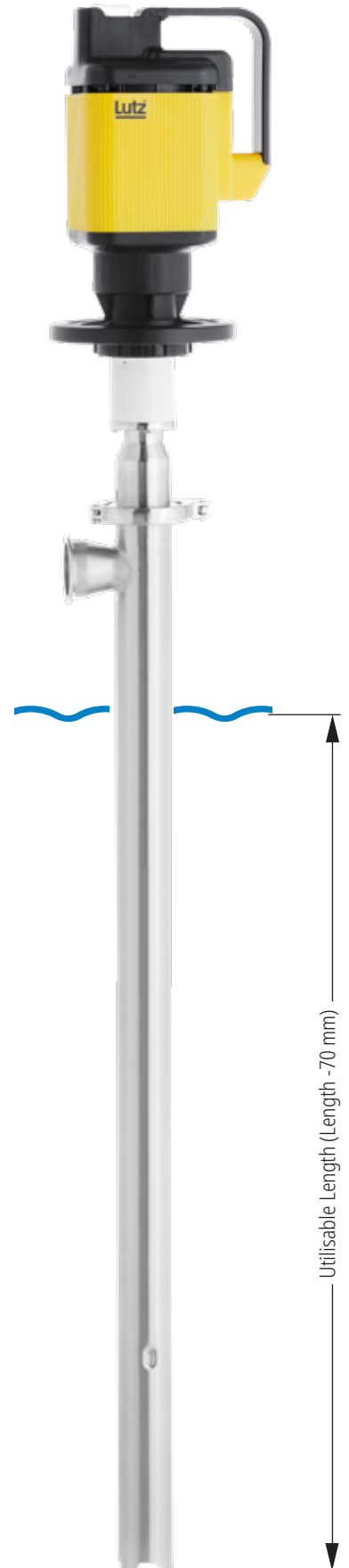
Version:	B70V-H-SR SanitaryPlus 12.1/25.1/50.1
Housing:	SS (1.4404)
Rotor/Shaft:	SS (1.4571, 1.4462)
Seals:	EPDM, FPM
Mechanical seal:	SiC/carbon/EPDM (FPM), optional SiC/SiC/EPDM (FPM)
Stator material:	PTFE, EPDM (Size 50.1)

## Two motors for almost any requirement

### Motor: MD1xL / MD2xL

- » High performance class up to 1000 watts
- » High viscosity up to 100,000 mPas
- » Applicable oil-free

**Oilfree**  
for pharmaceutical,  
food and cosmetics  
industry



Utilisable Length (Length - 70 mm)