




# Lutz Eccentric Screw Pumps

## B70V-H-D SanitaryPlus 25.2, 50.1, 75.1

Product detail		Pump tube				B70V-H-D SanitaryPlus			
	Size		<b>25.2</b>	<b>50.1</b>	<b>75.1</b>				
	Seal	Mechanical seal (MS)	MS	MS	MS				
	Delivery rate*	up to l/min.	25	50	75				
	Delivery head*	up to bar	10	8	6				
	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>0172-548</b>	-				
	Stator PTFE Seal FPM	Order-No.	<b>0172-294</b>	<b>0172-594</b>	<b>0172-584</b>				
	Stator PTFE Seal EPDM	Order-No.	<b>0172-244</b>	<b>0172-544</b>	<b>0172-554</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>Motor selection</b>									
	<b>Motors with cable terminal box</b>								
	Version	1.1 kW, 900 1/min.		1.1 kW, 700 1/min.		1.5 kW, 700 1/min.			
	Protection type/weight	IP 55 31 kg		IP 55 20 kg		IP 55 38 kg			
	Order No.	<b>0172-903</b>		<b>0172+826</b>		<b>0172-761</b>			
<b>Motors with protection switch</b>									
Version	1.1 kW, 700 1/min.		1.1 kW, 900 1/min.		1.5 kW, 700 1/min.				
Protection type/weight	IP 55 22 kg		IP 55 32 kg		IP 55 39 kg				
Order No.	<b>0172+825</b>		<b>0172-902</b>		<b>0172-760</b>				
<b>Motor, explosion-proof</b>									
Version	0.95 kW, 900 1/min.								
Marking	II 2 G Ex e II T3								
Protection type/weight	IP 55 25 kg								
Order No.	<b>0172-816</b>								
<b>Motors with frequency converter</b>									
Version	0.75 kW, 0-900 1/min.			1.5 kW, 0-900 1/min.					
Protection type/weight	IP 55 30 kg			IP 55 35 kg					
Order No.	<b>0172-768</b>			<b>0172-766</b>					
<p>Three-phase motors 230/400 V, 50 Hz, RAL 9005, Energy efficiency class IE 3 in accordance with EU regulations 640/2009 and 04/2014.</p> <p>Special voltages, frequencies, protection types on request.</p>									

# B70V-H-D SanitaryPlus 25.2, 50.1, 75.1

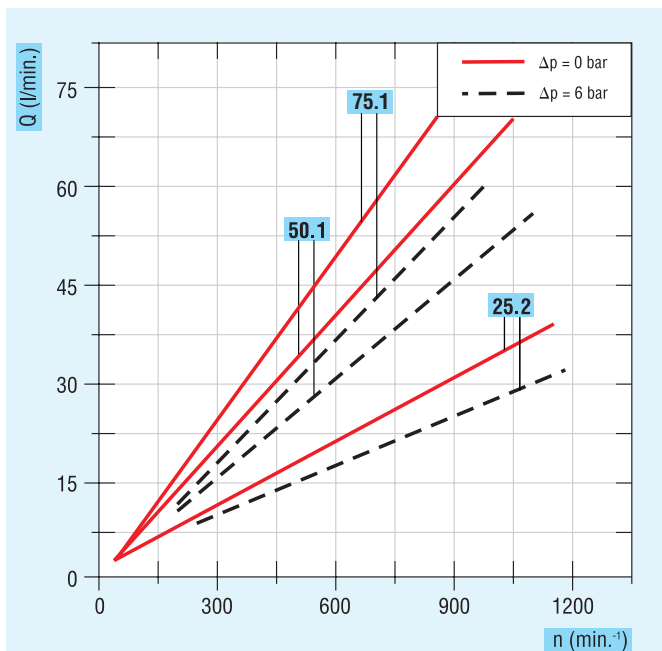
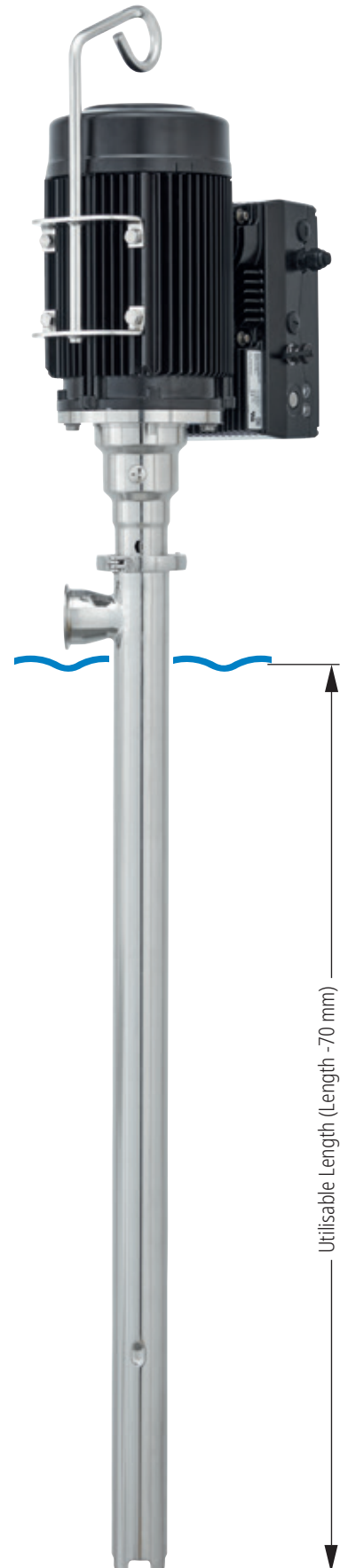
for viscosities up to 100,000 mPas

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

Version:	B70V-H-D SanitaryPlus 25.2/50.1/75.1
Housing:	Stainless steel (1.4404)
Rotor/Shaft:	Stainless steel (1.4571, 1.4462)
Seals:	EPDM
Mechanical seal:	SiC/carbon/EPDM (FPM), optional SiC/SiC/EPDM (FPM)
Stator material:	PTFE, EPDM (Size 50.1)



Equipped with mounting strap and motor quick coupling as standard.



Utilisable Length (Length - 70 mm)