



Lutz Eccentric Screw Pumps

B70V-H-D SanitaryPlus 12.1, 25.1

Product detail	Pump tube	B70V-H-D SanitaryPlus	
	Size	12.1	25.1
	Seal Mechanical seal (MS)	MS	MS
	Delivery rate*	up to l/min. 12	25
	Delivery head*	up to bar 6	8
	Temp. of medium	up to °C 100	100
	Material outer tube	1.4404	1.4404
	Immersion tube diameter mm	54	54
	Pressure joint Tri-Clamp	DN 50	DN 50
	Weight kg	8	8
	Length** mm	1100	1100
	Stator PTFE Order-No.	0172-094	0172-194
	Seal FPM	●	●
	Stator PTFE Order-No.	0172-044	0172-144
	Seal EPDM	●	●
<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> <div style="text-align: right;">  </div>			
Motor selection			
Motors with cable terminal box			
Version	0.75 kW, 900 1/min.	1.1 kW, 700 1/min.	1.1 kW, 900 1/min.
Protection type/weight	IP 55 16 kg	IP 55 20 kg	IP 55 31 kg
Order No.	0172-901	0172+826	0172-903
Motors with protection switch			
Version	0.75 kW, 900 1/min.	1.1 kW, 700 1/min.	1.1 kW, 900 1/min.
Protection type/weight	IP 55 22 kg	IP 55 22 kg	IP 55 32 kg
Order No.	0172-900	0172+825	0172-902
Motors, explosion proof			
Version	0.55 kW, 900 1/min.		0.95 kW, 900 1/min.
Marking	II 2 G Ex e II T3		II 2 G Ex e II T3
Protection type/weight	IP 55 17 kg		IP 55 25 kg
Order No.	0172-804		0172-816
Motors with frequency converter			
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.	0172-768		0172-766

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.

Special voltages,
frequencies, protection
types on request.

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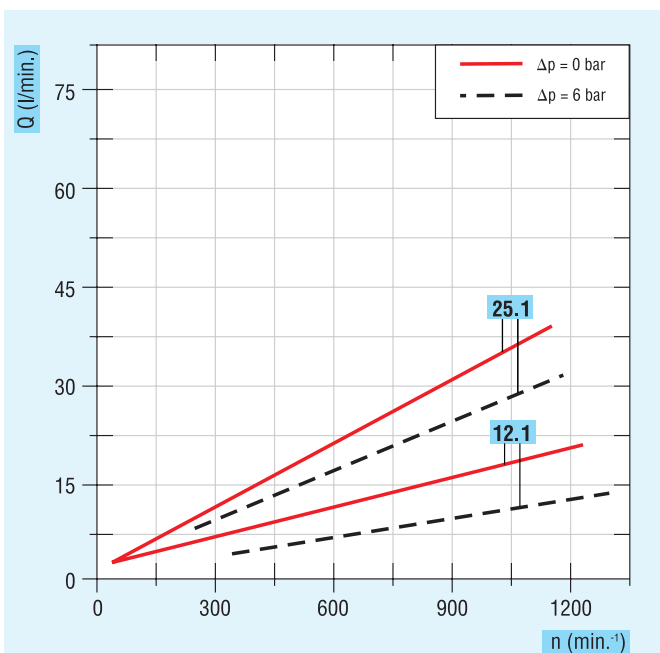
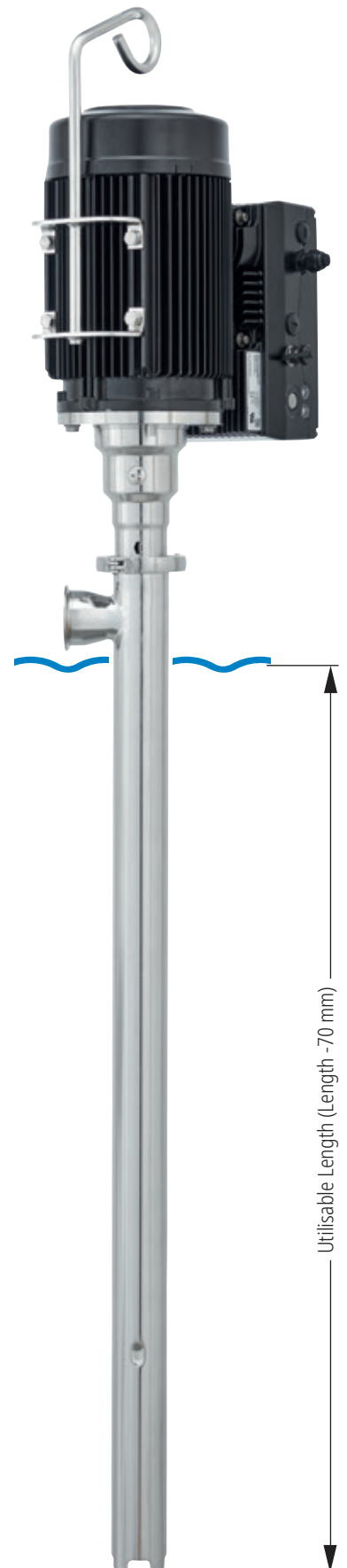
for viscosities up to 100,000 mPas

Materials (coming into contact with the pumped medium):

Version:	B70V-H-D SanitaryPlus 12.1/25.1
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)