




Lutz Eccentric Screw Pumps

B70V 25.2 PURE for viscous foodstuffs

Product detail		Pump tubes		B70V PURE		
	Size	25.2		25.2		
	Category 1 / 2 (acc. to ATEX)	no		yes		
	Seal	Packing gland (St)	MS		MS	
		Mechanical seal (MS)				
	Drive shaft	Torsion shaft (TS)	TS		UJ	
		Universal joint shaft (UJ)				
	Delivery rate*	up to l/min.	25		25	
	Delivery head*	up to bar	10		10	
	Temp. of medium**	up to °C	140		140	
	Material pump tube		1.4571/1.4404		1.4571/1.4404	
	Material stator		PTFE		PTFE	
	Immersion tube diameter	mm	54		54	
	Pressure joint	Tri-Clamp DN	50		50	
	Weight	kg	7		7	
	Length***	mm	1100		1100	
Order No. basic pump ▲		0172-254		0173-264		
Order No. additional price PURE FPM ▲		0172-128		0173-138		
Order No. additional price PURE EPDM ▲		0172-129		0173-139		
▲ Please choose Order No. basic pump + Order No. PURE additional price						
* Determined with water at 20 °C, three-phase motor (900 rpm) and elastomer stator						
** with PTFE Stator (the medium temperature of explosion proof eccentric screw pumps B70 may not exceed 100°C)						
*** Special length 500 - 2000 mm on request (version with joint shaft only)						
● Explosion proof eccentric screw pump approved category 1 / 2 (acc. to ATEX) for pumping flammable liquids of the explosion group IIA and temperature class T4						
						
Motor selection						
	Motors with cable terminal box					
	Version	1.1 kW, 900 1/min.		1.1 kW, 700 1/min.		
	Protection type/weight	IP 55 31 kg		IP 55 20 kg		
	Order No.	0172-903		0172+826		
	Motors with protection switch					
	Version	1.1 kW, 900 1/min.		1.1 kW, 700 1/min.		
	Protection type/weight	IP 54 32 kg		IP 55 22 kg		
	Order No.	0172-902		0172+825		
	Motor, explosion-proof					
	Version	0.95 kW, 900 1/min.				
Marking	II 2 G Ex e II T3					
Protection type/weight	IP 55 25 kg					
Order No.	0172-816					
Motor 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 motor 230/400 V, 50 Hz, Energy efficiency class IE 3 in accordance with EU regulations 640/2009 and 04/2014.

Special voltages, frequencies, protection types as well as higher explosion proof protection classes on request.

B70V 25.2 PURE

for viscosities from 1 - 100,000 mPas

Materials (coming into contact with the pumped medium):

Version:	B70V PURE PTFE/FPM	B70V PURE PTFE/EPDM
Housing:	Stainless steel (1.4571/1.4404)	Stainless steel (1.4571/1.4404)
Rotor:	Stainless steel (1.4571)	Stainless steel (1.4571)
Seals:	FPM	FPM or EPDM
Mechanical seal:		
Torsion shaft	WC/SiC/FPM	WC/SiC/EPDM
Universal joint shaft	WC/WC/FPM	WC/WC/EPDM
Drive shaft:	Stainless steel (1.4571)	Stainless steel (1.4571)
Stator material:	PTFE	PTFE



Pump tube with PTFE stator, also available in PURE version with Tri-Clamp-connection. The pump tubes are mainly used in the food-, cosmetics- and pharmaceutical industry.

Important Information!

When pumping in „Zone 0“ areas or pumping flammable liquids only pumps with mechanical seal, universal joint shaft and PTFE stator are approved.

Viscosity range from aqueous to fluidity range.

Medium table with liquid examples see chemical resistance table.

