




Lutz Eccentric Screw Pumps

B70V 75.1

Product detail	Pump tube	B70V		
	Size	75.1		
	Seal	Mechanical seal (MS)	MS	
	Drive shaft	Universal joint shaft (UJ)	UJ	
	Delivery rate*	up to l/min.	75	
	Delivery head*	up to bar	8	
	Temp. of medium**	up to °C	140	
	Material outer tube		1.4571/1.4404	
	Immersion tube diameter	up to mm	54	
	Pressure joint	Outer thread	G 1 1/2	
	Weight	kg	7	
	Length***	mm	1100	
	Stator NBR light (T max. 80 °C)	Order-No.	0173-561	
	Stator FPM (T max. 140 °C)	Order-No.	0173-562	
	Stator PTFE (T max. 140 °C)	Order-No.	0173-564	
<p>* Determined with water at 20 °C, three-phase motor (600 rpm and 700 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)</p>				
Motor selection				
	Motors with cable terminal box		For B70V - 75.1	
	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 34 kg	IP 55 34 kg
	Order No.	0172+826	0172-903	0172-761
	Motors with protection switch		For B70V - 75.1	
	Version	1.1 kW, 700 1/min.	1.5 kW, 700 1/min.	
	Protection type/weight	IP 55 22 kg	IP 55 34 kg	
	Order No.	0172+825	0172-760	
	Motors with frequency converter		For B70V - 75.1	
	Version	1,5 kW, 0-900 1/min.		
Protection type/weight	IP 55 37 kg			
Order No.	0172-766			
<p>Three-phase motors 230/400 V, 50 Hz, Energy efficiency category IE 3 in accordance with EU regulations 640/2009 and 04/2014 Special tension, frequency, protection types as well as increased ex-protection classes on request.</p>				
	Compressed air motor		For B70V - 75.1	
	Version	8 DA , 1.7 kW, 900 1/min., Weight 18 kg, Operating pressure: at 6 bar, Air consumption 130 Nm ³ /h, 102 db (A)		
	Air connection thread	G 1/2		
	Order No.	0172-823		
<p>Compressed air motors with muffler, max. operating pressure 7 bar, recommended speed (200 - 900 1/min.)</p>				

B70V 75.1

for viscosities from 1 - 100,000 mPas

Materials (coming into contact with the pumped medium):

Version:	B70V 75.1
Housing:	Stainless steel (1.4571/1.4404)
Rotor:	Stainless steel (1.4571)
Seals:	FPM
Mechanical seal:	Carbon/CrMo-casting, FPM
Drive shaft:	Stainless steel (1.4571)
Stator material:	NBR light, FPM, 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!

Viscosity range from aqueous to fluidity range.
Medium table with liquid examples see chemical resistance table.

