

Lutz Progressive Cavity Pump B70V-SR

Smooth pumping of highly viscous liquids

B70V-SR (Portable, 32 lbs with motor)

Applications

For applications in the food, pharmaceutical and cosmetics industry, no special shaft joint protection is needed.

Pump Tubes

Pump tubes with different flow rates and length are available for the Lutz B70V-SR. The speed reducer is mounted directly on the pump tube. This reduces the relatively high speeds of the universal or compressed-air motors to a suitable speed for the pump tube of around 690 rpm. The pump tube, drive shaft and eccentric screw are made of Stainless Steel (316 Ti).

Do not run dry or against closed valve.

Tube diameter: 54 mm (2.12")

Length: 1000 mm (39.4") or 1100 mm (43.3")

Drive Motors

A variety of electric and compressed air motors are available. (see page 4)

Operating Data

Quantity: up to 13 GPM
 Delivery head: up to 200 FT (87 PSI)
 Temperature of medium: up to 284 °F
 Viscosity: up to 50,000 cps (with MD-2 air motor)

Accessories

Bypass valves, hoses, hose clips, dosing devices, electronic flow meters, batch dosing appliance with time control and other accessories are available on request.



1 1/2" male BSP or
 1 1/4" SS hose barb
 options:
 1 1/2" NPTF adapter
 or Tri Clamp

Type	B70V-SR
Wetted parts	
Housing and Rotor:	Stainless Steel (316 Ti)
Seals:	Viton® (FPM)
Mechanical seal:	Carbon/SS, Viton® or SiC/SiC, Viton®
Packing gland:	PTFE soft packing, safe for use with foodstuffs
Drive shaft:	Stainless Steel (316 Ti)
Stator materials:	NBR light, Viton®, PTFE
Examples of liquids:	Chemical industry: acids, lyes, sludge, viscous pastes, dispersions, adhesives, etc. Cosmetics industry: creams, soaps, toothpaste, shampoos and raw materials for soaps Confectionery industry: honey, syrups and preserves Paint and lacquer factories: paints, lacquers and pastes Food industry: milk, whey, cheese, spread and ketchup Mineral oil industry: high-viscosity oils and fluid greases.