

With Lutz through thick and thin

Latest edition for sanitary applications: New B70V-H-SR Sanitary

NEW

Lutz B70V-H-SR Sanitary

Practical, reliable and ready for use

The design of the Lutz B70V-H-SR Sanitary pump emphasises practical use: only manually detachable, thread-free connections have been used in the areas in contact with the medium.

The Lutz B70V-H-SR Sanitary is easy and fast to dismantle for thorough mechanical cleaning and to reassembly.

An open type spring loaded mechanical seal is available or optionally, a closed version to avoid direct contact with the product.

All materials and the seal designs conform to 3-A Sanitary Standard.

Tube diameter: 54 mm (2.12")

Length: 1100 mm (43.3")

Connection: Tri-Clamp 2"

Thanks to the hand wheel connection, the drive motor can be quickly separated from the pump flange. This facilitates handling, cleaning and transferring the pump to a new container.

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:
Tri-Clamp fitting
and spout 2"



Type	Lutz B70V Sanitary
Wetted parts	
Housing:	Stainless Steel (316 L)
Rotor:	Stainless Steel (316 Ti)
Seals:	EPDM (FDA compliant)
Mechanical seal:	SiC/hard carbon/EPDM (acc. to 3-A standard) opt. SiC/SiC/EPDM or closed version for stricter requirements
Drive shaft:	Stainless Steel (316 Ti)
Stator materials:	PTFE
Examples of liquids:	Cosmetics industry: creams, soaps, toothpaste, shampoos and raw materials for soaps Confectionery industry: honey, syrups and preserves Food industry: milk, whey, cheese, spread and ketchup

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.

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