

SLH-4U

The development of the SLH-4U is based on ITT Bornemann's years of experience working with customers and understanding the requirements of the food processing industry. The SLH-4U was developed as an expansion of the SLH-4G series twin-screw pump.

The twin-screw pump technology utilized in the SLH series pump has become the hygienic standard on the food industry. Benefits include:

- High levels of sanitation and product quality are maintained across a wide range of food products
- Minimal maintenance is required as there is no metallic contact between the conveyor screw and pump housing
- Pumping and cleaning are processed within a single pump, saving customers time and cost

In the SLH-4U, Bornemann is offering the advantages of a hygienic twin-screw pump in a more standardized design than the SLH-4G, which features a wider variety of technical enhancements. This gives customers a high-quality and cost-effective alternative to the SLH-4G in a wide range of applications.

The Standardized SLH

- Connections integrated in the pump casing
- Connection standards
 - DIN 11851
 - DIN 11864-2
 - DIN 32676
 - SMS 1145
- Nominal widths of the connections
 - 4-U 1000 – DN 50
 - 4-U 2000 – DN 65
 - 4-U 3000 – DN 80
- Product-contacted sealing through O-rings
 - Hygienic version derived from DIN 11864 (aseptic)
- EHEDG type EL class I certification pending



Technical Features

Sizes

SLH-4U 1000 / 2000 / 3000

Materials

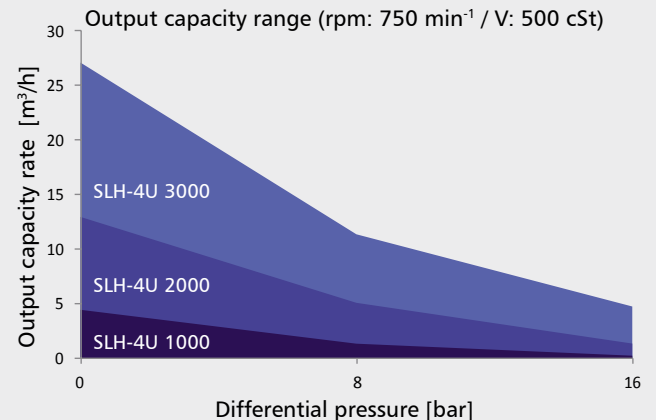
- Product-contacted materials: 1.4404
- Product-contacted elastomers: HNBR / EPDM

Seals

- Single acting mechanical seal
- Double acting mechanical seal

Operating Conditions

- Max. temperature: 160°C
- Max. speed: 2500 min⁻¹
- Max. viscosity: 1.000.000 cSt



Applications for the SLH-4U

Beverage Industry

Juices	Wines	Concentrates
Sparkling wine	Syrup	Malt extract



Convenience

Oils and greases	Mousse	Soups
Spreads	Sauces	Honey
Dressings	Salads	Ketchup
Meat	Mustard	Fish
Mayonnaise	Delicacies	Porridge
Baby food	Dough	Marmelade
Products in chunky form		



Sweets

Chocolate	Liquid sugar	Creams
Raw paste	Fudge	Fillings
Molasses		

Dairy

Yogurt	Pudding	Quark
Desserts	Single cream	Concentrates
Butter	Melted cheese	Cream
Curd		

The specialist for hygienic twin screw pumps

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