



FOOD PUMP FOR TRANSPORTING WORT, MASH, JUICE, WINE, WPS 4



Gross price:
7 245 €

Net price:
5 890 €

General characteristics

The WPs-type pump is used in the food industry, especially for small capacity production processes. The WPs is a centrifugal pump and, together with its drive motor, is constructed as a closed, monolithic structure with its own base and adjustable legs. The whole has a splash-proof casing of acid-proof steel. The pump rotor is mounted on the extended pump-motor shaft.

Pump components in contact with the pumped medium are constructed of 1.4404 acid-proof steel, with 1.4301 steel used for the other parts. Shaft sealing: mechanical single end-face seal, the material selected to meet the requirements of the medium pumped.

The following advantages are worthy of notice:

- user-friendliness, I
- low energy consumption,
- hygiene by design - washable body seal, easily washable components,



- CIP system washing,
- transportability (does not require a special foundation).

The pump has a long service life and is reliable.

On the pump outer body, fixed with a clamping ring, are two Rd connector pipes with an external thread designed according to DIN 11851.

Free turning of the body is an advantage (it is possible to position the pumping connector pipe horizontally at the bottom). The pumps are certified for use in the food industry as well as a declaration of conformity issued and CE certification.

Pumping capacity of 3,5m³/h, with a lifting height of 5,8mH₂O and drive power required 0,37kW.

Application

- Transporting food liquids of up to 1,000 cP viscosity if a small pumping capacity is required. The pump may be successfully used both for raw material and product applications,
- the pump is used for:
 - dairy industry (milk, both fresh and pasteurized, whey, and liquid ice-cream mixes),
 - fruit-and-vegetable processing (thick and clarified juice),
- pumping basic media in food industry (water, purified hot or cold water),
- other liquids in the food industry.

Specifications

The WPs-4 pump parameters	units	
CAPACITY*	[M ³ /H]	3,5
lifting height*	[mH ₂ O]	5,8
suction height	[mH ₂ O]	2,0
temperature of pumped liquid	[°C]	95,0
rotor diameter	[mm]	95,0
drive motor type		SLg 71-2A
motor power	[kW]	0,37
rotation of engine (50Hz)	[min-1]	2780
rated current/voltage	[A/V]	0,9/400
mass	[kg]	14

* The values are for clean cold water.

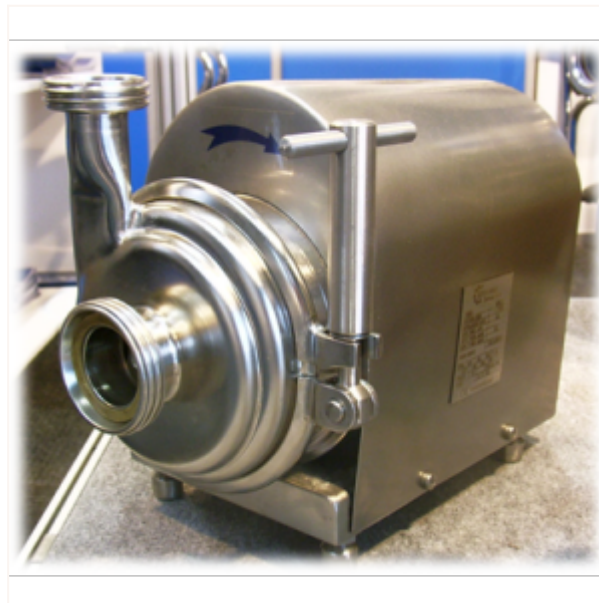
Overall dimensions and cross-section of the WPs-4 pump.



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