

Fristam FL3 yeast pump



Specifically designed for gentle, hygienic handling of brewer's yeast and CIP return with one pump



Fristam
PUMPS

Fristam FL3 pd pump for brewer's yeast

The FL3 is ideally suited to brewer's yeast due to its unique helical rotor design. It is specifically focused on dosing of the pitching yeast and yeast harvesting, because of its superior gentle pumping action. In addition, the FL3 pump facilitates the complete emptying of fermentation tanks easily. Extremely gentle pumping of sensitive yeast cells, almost pulsation-free even at low speeds, superior suction capability, trouble-free pumping of yeast with high concentrations of CO₂, viscosities from 1 to 100,000 cP. Pumping yeast and CIP return is possible with only one pump. With its perfect flow, the FL3 yeast pump cleans faster and more efficiently than conventional lobe pumps.

SPECIFICATIONS FRISTAM FL3 100L *

Design	Rotary lobe pump with counterrotating rotors designed to handle yeast products with high and low viscosities.
Construction	Special three-wing design of the helical rotors allows safe and gentle product handling and virtually eliminates pulsation. Consequently, the pump operates at faster speeds and with reduced noise.
Advantages	Smooth operation. Higher flow rates achievable with the same pump size. Dual duty, using only one pump for product and CIP-return operation. Gentle product handling.
Max. revolution speed (water)	~ 800 to 1,000 min ⁻¹
Max. revolution speed (product)	~ 700 min ⁻¹
Max. discharge flow (water)	~ 50 m ³ /h
Max. discharge flow (product)	~ 35 m ³ /h
Max. discharge pressure	8 bar
Max. system pressure	12 bar
Rotating direction	Reversible
Max. temperature	95° C
Mounting	Horizontal and vertical
Connection (nominal diameter)	DN 80
Connection type	To suit requirements
Material	Stainless steel 1.4404 (316L)
Gasket material	EPDM
Mechanical seal material	Various versions available



BENEFITS AT A GLANCE

- Extremely gentle pumping of yeast cells
- Almost pulsation-free
- Product and CIP-return operation using only one pump
- Superb cleaning of the pump
- 1 to 100,000 mPas

* Please note that technical information provided above is subject to further development of the product range.

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