

# Fristam FL3



**Fristam**  
PUMPS®

# Fristam rotary lobe pumps FL3

Superior performance, transfer and CIP in one pump. The FL3's unique three-wing rotor design expands the application range of the FL positive displacement pumps. Its helical rotors virtually eliminate pulsation, ensuring gentle product handling as well as allowing higher transfer capacity and effective CIP.

## SPECIFICATIONS FRISTAM FL3 100L \*

Design	Rotary lobe pump with counter-rotating rotors designed to handle viscous and non-viscous products.
Construction	Special three-wing design helical rotors allow safe and gentle product handling and virtually eliminate pulsation. Consequently the pump operates at faster speeds and reduced noise.
Advantages	Smooth operation. Higher flow rates achieved with the same pump size. Dual duty, using only one pump for product and CIP operation. Gentle product handling.
Max. revolution speed (water)	~800 to 1000 min <sup>-1</sup>
Max. revolution speed (product)	~700 min <sup>-1</sup>
Max. discharge flow (water)	~50 m <sup>3</sup> /h
Max. discharge flow (product)	~35 m <sup>3</sup> /h
Max. discharge pressure	8 bar
Max. system pressure	12 bar
Displacement	1,1 liter/revolution
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), alternative materials possible
Gasket material	FKM, NBR, EPDM, alternative materials possible
Mechanical seal	Single / flushed
Mechanical seal material	Carbon / Stainless Tungsten Carbide / Tungsten Carbide Silicon Carbide / Silicon Carbide



## BENEFITS

- Improved performance and reduced associated costs
- Low pulsation
- Product and CIP operation using only one pump

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

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