

Fristam FL positive displacement pumps

These exceptional pumps combine mechanical simplicity with superior pumping performance. Their clever design enables easy maintenance, perfect cleanliness and gentle product handling. The FL series' solid construction results in great dependability. Super-tight radial and axial clearances ensure maximum efficiency.



OPTIMAL HYGIENE

Fristam FL pumps meet the world's strictest hygienic standards such as EHEDG and 3A. Their superior quality is reflected in the use of corrosion-resistant materials such as chromium molybdenum steel 316L with a minimum thickness of 6.0 mm. In addition 3.1 material certification (certificate available upon request) and FDA certified elastomers guarantee maximum safety in the process. All FLs are designed for CIP and SIP.

FLEXIBILITY BY DESIGN

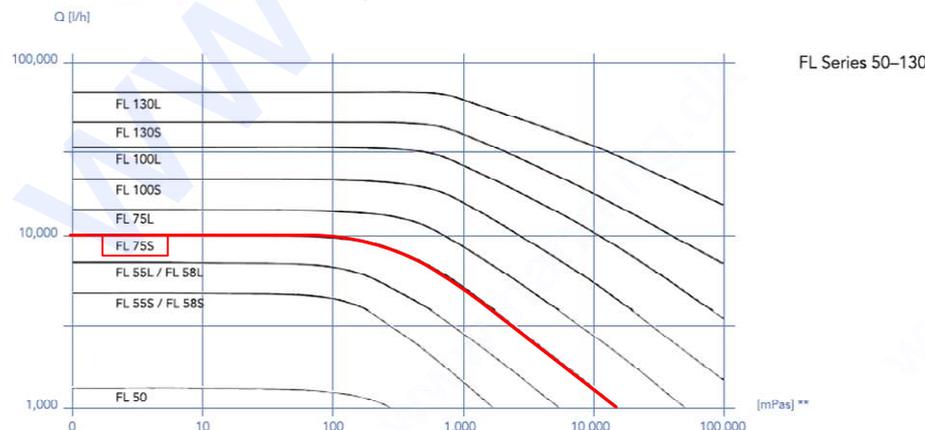
The FL series offers a wide range of sizes and various options to match your specific process requirements. The FL gearbox allows for top, bottom or side mounting. Along with its bi-directional rotation, this offers complete freedom for installation.

DIVERSE APPLICATION

Pumps from the FL series are in service all over the world in the most diverse configurations, and transport a great variety of products from albumin to zabaglione – for example blood, bread and pasta dough, cheese, cream, ketchup, margarine, meat, sugars, sodas and yogurt (amongst many others).

Model	50	55 S/L	58 S/L	75 S	100 S/L	130 S/L/XL
Max. discharge pressure (bar)	6	9/6	12/8	12/8	12/8	12/8/4
Max. flow rates (m ³ /h)	1.7	5.5/7.7	5.9/8.4	11.5/16	24/38	48/61/77
Max. rpm	1,400	900/900	1,000/1,000	700/700	600/600	440/420/400
Connection DIN	15	25/40	25/40	40/50	50/80	80/100/125
Connection types	To suit requirements					
Viscosity	Up to 1,000,000 mPas					
Rotation	bi-directional, reversible					
Temp. (°C)	Up to 150°C with high-temperature rotors					
Gasket material	FKM, NBR, EPDM, FPM, alternative materials possible					
Mounting	Horizontal and vertical					
Mechanical seal	Single and double					

CHARACTERISTIC CURVES *



*) Transportation of water **) Viscosity



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Fristam FLFN 75S

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 Der tages forbehold for fejl.
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 We make reservation for possible errors.

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Alle mål i mm.
 All measures in mm.

Lager nr. /LH

PT1571