

# LF series pumps


The **LF series** centrifugal pumps are specially designed for a large range of varied industry uses.

Thanks to an **In-Line**, mono-block design, the **LF series** pumps do not take up a lot of space, making their integration into compact Skid types of assemblies easier.

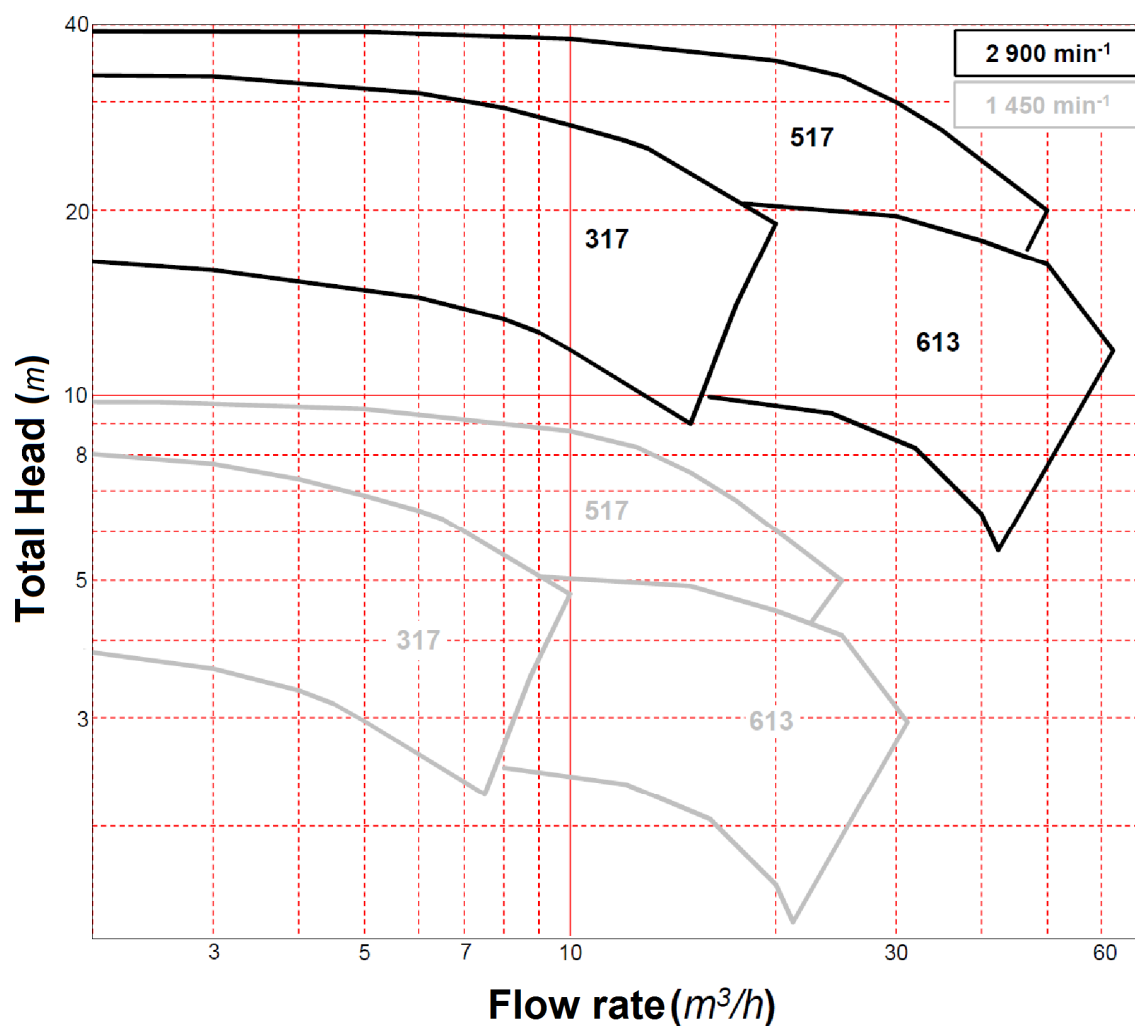
The pump and the motor form a mono-block set connected by flanges, with a common shaft.



## LIMITS OF USE

- Flow rate: 1 to 60 m<sup>3</sup>/h
- Total head: < 40 m
- Operating temperature: - 30°C to + 150°C
- Operating pressure: < 10 bar
- Speed: < 3600 min<sup>-1</sup>
- ATEX certification:  II 2 G II B T3/T4

## SELECTION CURVES



## BUSINESS ACTIVITIES AND PRINCIPAL USE

General works services - Utilities - Skid manufacturers - Engineering companies - Industrial water - Air conditioning...

## SPECIFICATIONS

### Basic components

- Corps de pompe Nodular Cast Iron/Carbon steel
- Cover/diffuser/flange Nodular Cast Iron/Carbon steel
- Impeller Nodular Cast Iron/Carbon steel
- Shaft 329LN Stainless steel
- Gasket Aramid

(can be modified according to your needs)

### Mechanical seal

- Assembly Single mechanical seal
- Lubrication Process fluid
- Friction face SiC/C
- O-ring FPM

We'll help you define the best type of assembly and dynamic sealing adapted to your application.



### Pump inlet and outlet connections

Type	LF 317	LF 517	LF 613/34
Inlet	DN32PN16	DN50PN16	DN65PN16
Outlet	DN32PN16	DN50PN16	DN65PN16

### Motor

- Protection ATEX or non ATEX
- Three-phase (other voltage on request)

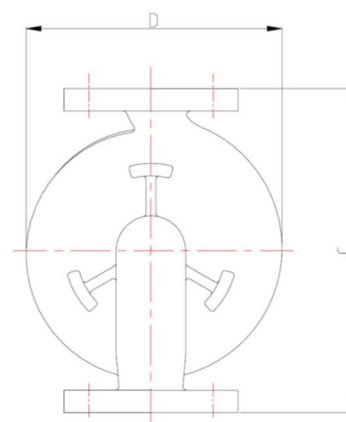
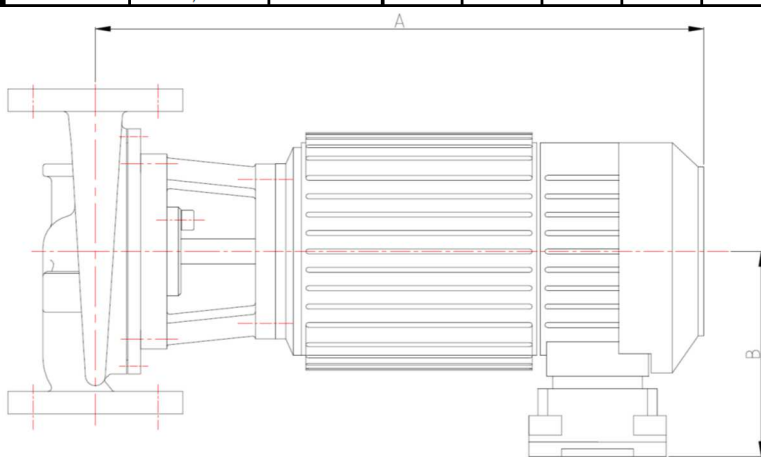
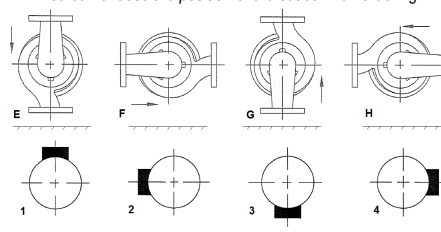
### Paint

- Primer + final paint (RAL 5017) (can be modified on request)

## OVERALL DIMENSIONS

Type	Motor		Size Data				Weight (kg)
	Power (kW)	Number of poles	A (mm)	B (mm)	E (mm)	D (mm)	
LF 317	0,55	4	435	158	260	210	28
LF 317	2,20	2	490	164	260	210	39
LF 517	0,75	4	370	158	360	227	45
LF 517	4,00	2	530	250	360	227	85
LF 517	5,50	2	570	250	360	227	105
LF 613/34	0,75	4	370	158	340	230	45
LF 613/34	4,00	2	530	250	340	230	85
LF 613/34	5,50	2	570	250	340	230	105

You can choose the position of the outlet when ordering



Dimensions shown are for reference only and can be different according to the type of motor used.

## PART NUMBER

LF	317	F		165	2,2	2	I	26503
Type	Size	Number of impeller	Material in contact with the liquid	Ø of the impellers	Power in kW	Motor installed	Protection	Serial No.
LF Mechanical seal	317	1 impeller	F Nodular Cast Iron			2 2 poles (# 2 900 rpm)	A ATEX	
	517		A Carbon Steel			4 4 poles (# 1 450 rpm)	I non-ATEX	
	613/34	See above						

## POMPES GROSCLAUDE

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