

LT series

Sanitary centrifugal stainless steel pump



Flow rate up to 930 l/min



Head up to 35 meters



Operating temperature max 80°C



Operating pressure max 6 bar



Motors from 0.35 HP to 7 HP – 1400/2800 RPM



Entirely made of AISI 316 high thickness stainless steel



Suitable for food grade liquids

Maximum hygiene

The pump casing is internally and externally polished to ensure the highest level of hygiene and no build-up of sediment inside the pump

External cover

On request, the pump is available with a stainless steel enclosure to protect the motor and a base with supporting feet

Small size

Extremely compact and lightweight pump, still maintaining its performance and practicality



Easy to dismantle

The cleaning and replacement operations of the mechanical seal and of the impeller are incredibly simple as the pump can be taken apart with ease

Reduced speed

Some models are supplied with a 1400 RPM motor, which ensures a softer and more gentle pumping action

Standard motors

Motors compliant with IEC 72 UNEL-MEC standards, widely available in all national and international markets

Stainless steel impeller

This series of pumps can be fitted with an axial flow impeller for handling filamentous and solid-laden liquids and with an open-type impeller to ensure a higher hydraulic efficiency



Wide operating range

The LT series pumps can be fitted with 4 different pump casings to cater for a wide range of applications. They are designed to provide a flow rate from a few liters to 900 liters per minute, with heads up to 35 meters

The LT series pumps have the following features:

- Pump casing and internal components made of AISI 316 stainless steel sheet metal
- All pump components are internally and externally polished to ensure the highest level of hygiene and a good hydraulic efficiency
- The inside of the pump has been designed to prevent the build-up of the pumped product, which could compromise its hygiene
- The pump can be easily taken apart and cleaned, without having to resort to special equipment
- The 1400 RPM versions ensure a more gentle pumping action for delicate or easily emulsifiable liquids
- Lightweight and compact construction thanks to its monobloc design
- Motors compliant with IEC 72 UNEL-MEC standards, widely available in all national and international markets should they need to be replaced or repaired
- Mechanical seal with EPDM elastomers

The LT series pumps are widely used in the **food** industry, where the highest level of hygiene and ease of dismantling for cleaning operations are paramount.

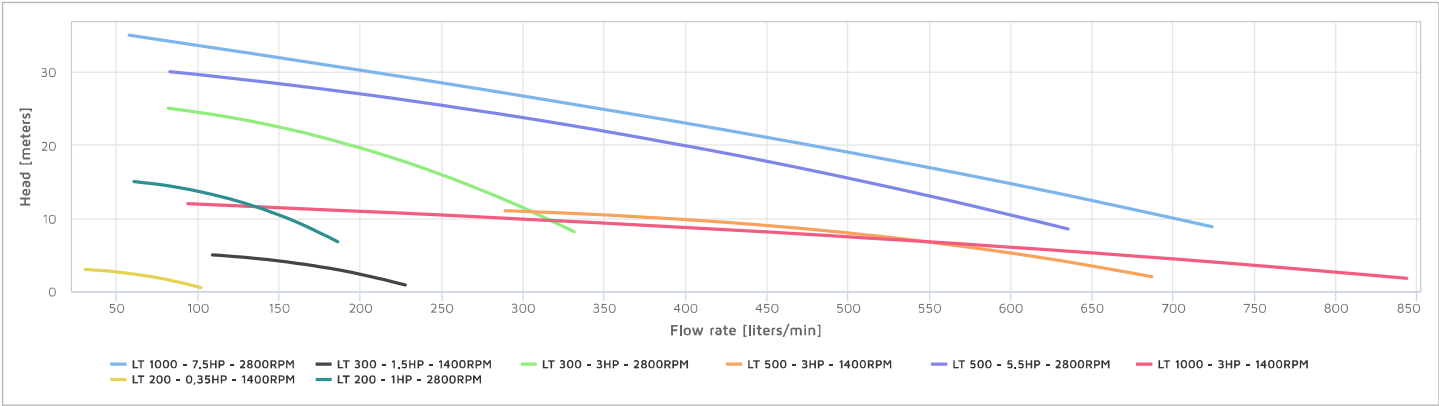
On request, the pump is supplied with a stainless steel enclosure to protect the motor and with a base fitted with feet to support the pump.

The pumps are supplied with DIN 11851 fittings as standard or, on request, with Gas thread, Macon or Garolla.

Technical Specifications

Power and capacity are referred to working with water

MOD	MOTOR			FLOW RATE [lt/min] ± 5%													Ø PORTS	
	HP	RPM	TYPE	0 meters	1 m	2 meters	3 meters	5 meters	10 meters	11 meters	12 meters	15 meters	20 meters	25 meters	30 meters	35 meters	INLET DIN	DIN OUTLET
LT 200	0.35	1400	Three-phase	110	93	71	30	-	-	-	-	-	-	-	-	-	Ø 25	Ø 25
	1	2800	Three-phase	-	-	-	-	200	155	143	129	61	-	-	-	-		
LT 300	1.5	1400	Three-phase	241	225	207	185	109	-	-	-	-	-	-	-	-	Ø 40	Ø 25
	3	2800	Three-phase	-	-	-	-	359	314	304	294	261	193	82	-	-		
LT 500	3	1400	Three-phase	731	709	687	662	607	386	289	-	-	-	-	-	-	Ø 50	Ø 40
	5.5	2800	Three-phase	-	-	-	-	697	608	589	570	510	397	263	83	-		
LT 1000	3	1400	Three-phase	927	881	832	781	666	289	194	94	-	-	-	-	-	Ø 65	Ø 65
	7.5	2800	Three-phase	-	-	-	-	798	700	680	659	593	475	346	206	58		





REF	DESCRIPTION	MATERIALS
1	Flange	AISI 304 Stainless Steel
2	Pump Casing	AISI 316 STAINLESS STEEL
3	Impeller	AISI 316 STAINLESS STEEL
4	Seal Rotating Part	Stainless steel, NBR or FPM
5	Seal Fixed Part	Stainless steel, NBR or FPM
6	Diaphragm	AISI 316 STAINLESS STEEL

MOD	MOTOR		Dimensions [mm]						
	HP	RPM	TO	B	C	D	AND	F	G
LT 200	0.35	1400	358	160	281	60	202	207	202
	1	2800							
LT 300	1.5	1400	440	190	332	78	252	245	252
	3	2800							
LT 500	3	1400	510	200	365	96	287	260	288
	5.5	2800							
LT 1000	3	1400	530	212	430	90	332	295	334
	7.5	2800							

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Reporting of public grants (pursuant to articles 125-129 - Law 124/2017)

With reference to Article 1, paragraph 125-bis, Law No. 124/2017, it should be noted that the company received, during the 2020 financial year, guarantees from the State on repayable loans.

The National Register of State Aid pursuant to Article 52 of Law 234/2012 contains the aid received by our company during 2020. This information can be freely consulted by entering our tax code: 08770190158 at the following [link](#).