

# TELLARINI POMPE AL

stainless steel 316 turbine impeller pumps



[Chemical pumps](#) [Self-priming pumps](#)

## Description

The AL series self-priming pumps are a range of small pumps designed for industrial and agricultural applications as well as household use. The pump is available in both single-phase and three-phase (T) versions.

## Applications

- o Garden and field irrigation with clean water
- o Washing/rinsing pump
- o Liquids with mild aggressive additives
- o Liquid fertilizers
- o Liquid foodstuffs
- o Chemicals (compatible with stainless steel 316)
- o Seawater (compatible with stainless steel 316)

## Specifications

- o Capacity: up to 12 m<sup>3</sup>/h
- o Head: up to 40 mwc
- o System pressure: max. 5 bar
- o Self-priming up to 6 meters at 20 °C
- o Liquid temperature up to a maximum of 130 °C
- o Stainless steel 316 pump casing, shaft, and impeller
- o O-rings: Viton® FPM
  - Other materials available upon request
- o Seal: SIC / SIC
- o Outlet and inlet connection sizes range from 1" to 2" externally
- o Motor power P2 from 0.37 to 1.85 kW
- o IP44 protection rating
- o 1-phase version equipped with capacitor and built-in thermal protection
- o 3-phase version requires external thermal protection
- o Suitable for continuous operation
- o Equipped with a reversing switch



## Capacity table AL series at 50 Hz

PUMP TYPE		NOM. POWER		rpm	TOTAL HEAD IN METERS WATER COLUMN					dB**
1-PHASE	3-PHASE	kW	pk		1	5	10	20	30	
CAPACITY L/MIN										
ALM 25	ALT 25	0,37	0,6	1400	43	23				65
ALM 30	ALT 30	1,5	2,0	2800	81	76	67	46	23	78
ALM 40	ALT 40	0,9	1,2	1400	130	92	53			79
ALM 50	-	1,5	2,0	1400	197	164	132	67		83
-	ALT 50	1,85	2,5	1400	197	164	132	67		83

\* Different voltages available upon request

\*\* Measured from a distance of 1 meter from the pump

## Motor specifications for AL series at 50 Hz

PUMP TYPE		DIMENSIONS IN MM							
1-PHASE 230V	3-PHASE 400V	B	C	D	E & G	L	M	T	kg
ALM 25	ALT 25	9	90	325	1"	113	155	210	7,8
ALM 30	ALT 30	9	100	350	1"	126	158	230	13,5
ALM 40	ALT 40	9	100	390	1"1/2	126	162	230	13,9
ALM 50	ALT 50	9	125	438	2"	140	200	250	20,5

