

TYPE:

# LEVANTE

RUBBERIZED HORIZONTAL SINGLE-BODY  
CENTRIFUGAL PUMP

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FIELDS OF APPLICATION:

A horizontal axis pump used to feed filter presses in the marble and granite industry, also finding its way into other industries. It is a single-body pump capable of reaching a maximum closed pressure of 6-7 bar and a maximum flow rate range of up to 4000 l/min. The impeller is made of super-hard cast iron while the body, which can be separated into two halves, is internally lined with an anti-abrasive natural rubber vulcanised onto the cast iron. It is equipped with tungsten carbide mechanical seals flushed with clean water and with bearings in an oil bath. LEVANTE pumps can be supplied with single or double speed motors and with standard coupling by means of belts and pulleys.

TECHNICAL FEATURES

- AXIS:** with oil-bath lubricated bearings.
- MATCHING:** by means of belts and trapezoidal pulleys with protective casing.
- BODY:** n° 1 cast iron in vulcanised anti-abrasive rubber.
- SEALS:** n° 1 in dynamically balanced open-type anti-abrasive super alloy with hardness of approximately 750-800HB.
- BASE:** steel frame to support the pump on the floor.

STANDARD EQUIPMENT

- Oil temperature probe
- Flow kit with flow switch

OPTIONAL

- Pressure switch
- Bearing cooling
- Closed circuit flushing kit
- Control panel with inverter and integrated software available



SECTORS

MARBLE  
GRANITE  
INDUSTRIAL

MADE IN ITALY

HPT  
HIGH PRESSURE  
TECHNOLOGY  
7 BAR

OPERATING CHARACTERISTICS

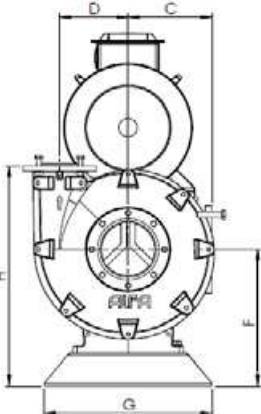
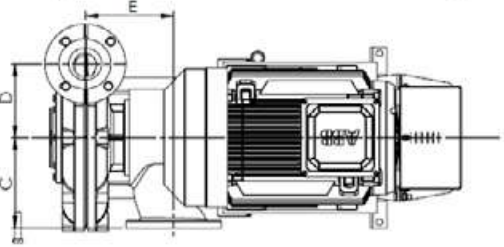
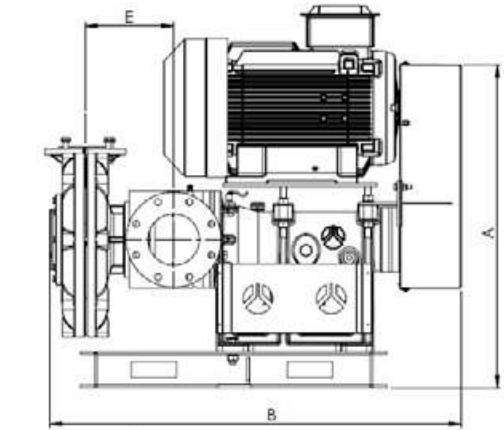
PUMPS	MAX FLOW RATE		MAX PRESSURE		PIPES		MOTOR (4P)
	m³/h	l/1'	m/H <sub>2</sub> O	bar*	DN Int.	DN Out.	[Kw]
LVT350-1G	20	330	30	4	65	40	5.5/11
LVT450-1G	40	660	40	5	80	50	5.5/11 - 11
LVT550-1G	60	1000	45	6	100	65	5.5/11 - 11 - 15
LVT650-1G	120	2000	55	7	125	80	15 - 18.5 - 22
LVT1025-1G	180	3000	55	7	150	100	22 - 30 - 37
LVT1050-1G	250	4150	45	6	200	150	37 - 45 - 55

\*Sludge pressure at density 1.4 kg/dm3

DIMENSIONAL

PUMPS	SIZE [mm]								WEIGHT [kg]
	A	B	C	D	E	F	G	H	
LVT350-1G	795	1053	222	109.5	179	280	400	400	315
LVT450-1G	795	1074	222	101	201	280	400	464	320
LVT550-1G	702	1082	222	146	190	217	400	455	340
LVT650-1G	924.5	1144	222	181	200	388	400	425	450
LVT1025-1G	1070	1288.5	257.5	217	170	492	600	747	500
LVT1050-1G	1070	1363	300	245	291	492	600	791	570

Indicative dimensions and weights



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ITALIAN PUMPS FOR HEAVY DUTY SOLUTION  
DIMENSIONAL DRAWING