

They are rotary vane vacuum pumps with disposable lubrication, with a suction flow rate of 5 m<sup>3</sup>/h.

Characterized by a simple construction, they are robust, compact, and well-cooled.

The lubrication is adjustable by using a drop oiler located at the intake.

In this version, the lubricating oil is contained within a transparent tank; the oil level is monitored by an electromagnetic sensor. The oil is drawn into the pump through the drop oilers, then discharged into the recovery tank positioned below the pump's silencer, and is not recirculated thereafter, preventing the accumulation of any impurities that may cause a drop in performance.

To minimize the overall dimensions, the pump's rotor is assembled to the motor shaft.

The BVS and BVL series pumps are supplied with single-phase or three-phase electric motors.

The motor and pump are cooled by the motor fan.

On the pump discharge, there is an oil recovery tank containing a separator filter that prevents the formation of oil mists and reduces noise.

### Use and installation

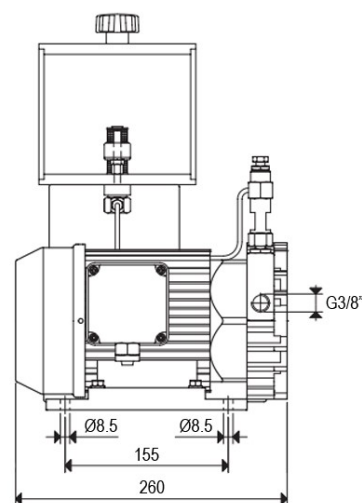
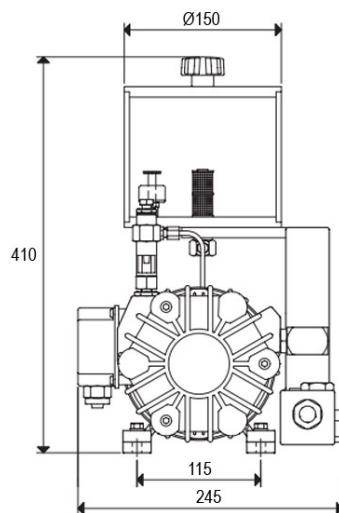
The use of these pumps is essential when the fluid to be aspirated contains solvent vapors, water condensates, or any other substances that could contaminate the lubricating oil.

For the installation of OMMER vacuum pumps, it is sufficient to connect them to the vacuum circuit and set up the electrical connection to the motor.

Please ensure the correct rotation direction of the pump.



005L-LP-LE			
Frequency		50Hz	60Hz
Flow rate	m <sup>3</sup> /h	5	6
Ultimate pressure	mbar	75	
Motor performance	3~	230/400±5%	265/460±5%
Volt	1~	230±5%	
Motor power	3~	0,25	0,30
kW	1~	0,25	
Motor protection	IP	55	
Rotation speed	rpm	1400	1700
Motor shape		Custom	
Motor size		71	
Weight	kg	13	



Data and dimensions are not mandatory. O.M.M.E.R. S.r.l. reserves the right to make changes and improvements at any time and without notice.

