

They are rotary vane vacuum pumps, lubricated with oil recirculation, with a suction flow rate of 50 m<sup>3</sup>/h.

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

The lubrication is adjustable by using two drop oilers located at the support bearings.

The pump rotor and shaft are a single piece, supported by independent bearings mounted within the two pump end flanges. The pump and electric motor are thus two independent units, fixed to a dedicated support and connected to each other by an elastic coupling.

The BVL/G1 series pumps are supplied only with three-phase electric motors (UL-CSA certified).

Upon request, the pumps can be supplied with ATEX-certified motors, with special voltages and frequencies, or without motor.

The pump is cooled by a radial fan located between the motor and the pump.

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

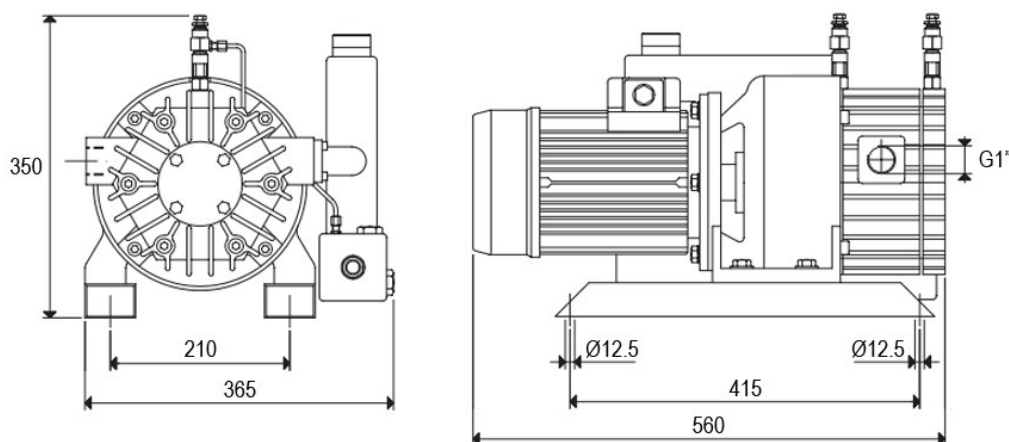
The use of these pumps is essential when the fluid to be aspirated contains solvent vapors, water condensates, or any other substances that could contaminate the lubricating oil.

The installation of a check valve and a suitable filter to retain any aspirated impurities is recommended on the suction side.

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.

050LG1			
Frequency		50Hz	60Hz
Flow rate	m <sup>3</sup> /h	50	60
Ultimate pressure	mbar	65	
Motor performance	3~	230/400±5%	265/460±5%
	1~		
Motor power	3~	1,50	1,75
	1~		
Motor protection	IP	55	
Rotation speed	rpm	1450	1750
Motor shape		B5	
Motor size		90	
Weight	kg	58	



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.

