



Item no: 0124540

## Lab Vac LVH40K6, EPDM sealings, Kalrez flap valves

These vacuum pumps are Piab's traditional pumps developed to be used within the chemical industry or in chemically aggressive environments.

- Vacuum pumps tailor-made for laboratory applications, such as degassing, vacuum filtering, gel drying and rotation evaporation.
- High vacuum levels to 20 mbar abs. with a maximum vacuum flow of 9 m<sup>3</sup>/h.
- No risk for "back draft" which can cause damaged test samples.
- Low noise level.
- Easy to install and virtually no maintenance.
- Energy efficient vacuum pumps based on environmental friendly technology.
- High chemical resistance, option with KalRez sealing material makes the chemical resistance unsurpassed.

### General

Material	PPS, SS, AL, EPDM, KALREZ
Noise level	62 - 66 dBA
Temperature	-20 - 110 °C
Weight	1.5 kg

### Performance

Feed pressure, max.	0.7 MPa
---------------------	---------

### Material

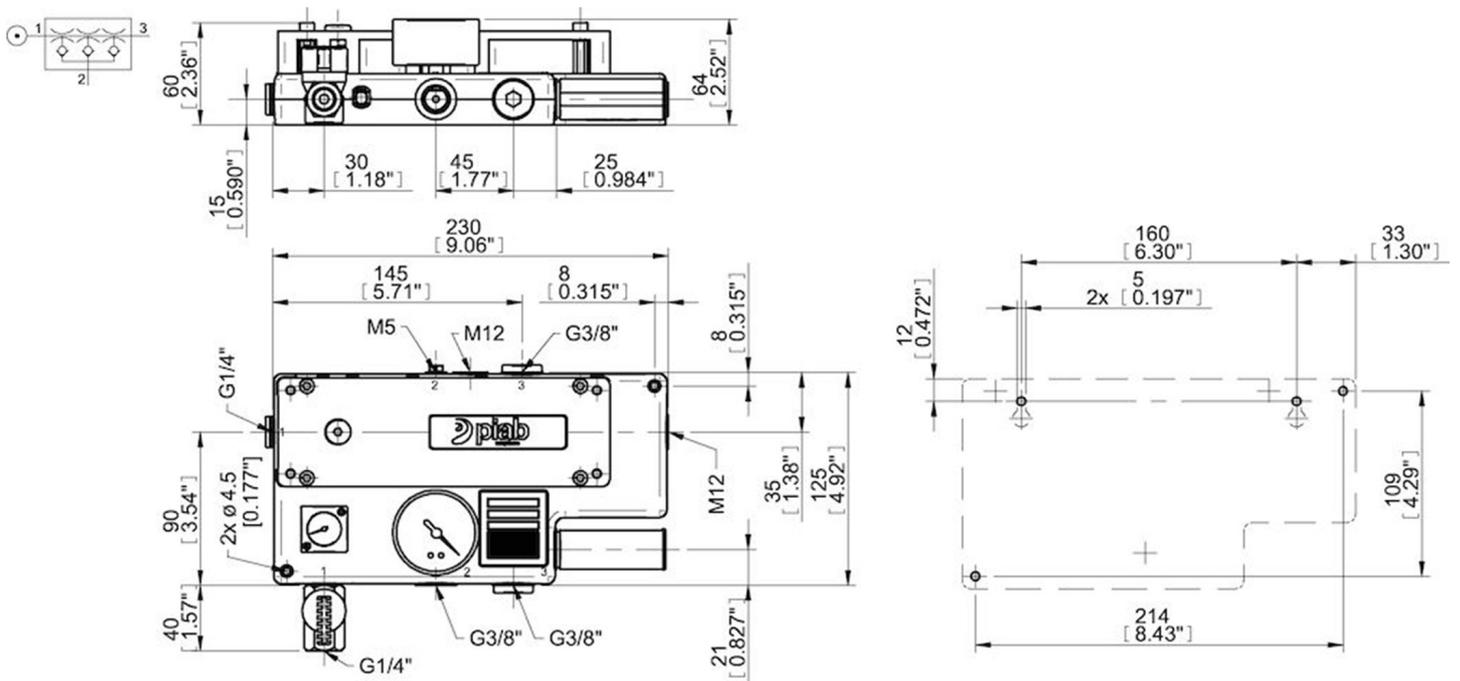
Name	EPDM
Colour	Black
Temperature	-40 - 120 °C
Hardness	50 °Shore A

	EPDM
Alcohol	+++
Concentrated acids	-
Ethanol	n/a
Hydrolysis	++
Methanol	n/a
Oil	-
Oxidation	+++
Petrol	-
Wear resistance	+
Weather and ozone	+++

Feed pressure	Air consumption	Vacuum flow (NI/s) at different vacuum levels (-kPa)										Max vacuum
		0	10	20	30	40	50	60	70	80	-kPa	
MPa	NI/s											
Lab Vac LVH40 0.6 - 0.6	2.6	2.5	1.8	1.3	0.7	0.53	0.35	0.24	0.16	0.12	98	

Feed pressure	Air consumption	Evacuation time (s/l) to reach different vacuum levels (-kPa)										Max vacuum
		10	20	30	40	50	60	70	80	90	-kPa	
MPa	NI/s											
Lab Vac LVH40 0.6 - 0.6	2.6	0.04	0.09	0.18	0.41	0.71	1.09	1.65	2.48	3.91	98	

#### Dimensional drawings



#### Accessories

0118100 | piSAVE® onoff with small hysteresis

0100947 | Vacuum filter 0.3 µm

#### Spare parts

0126246 | Spare part kit Lab Vac 40-80, Kalrez/EPDM

