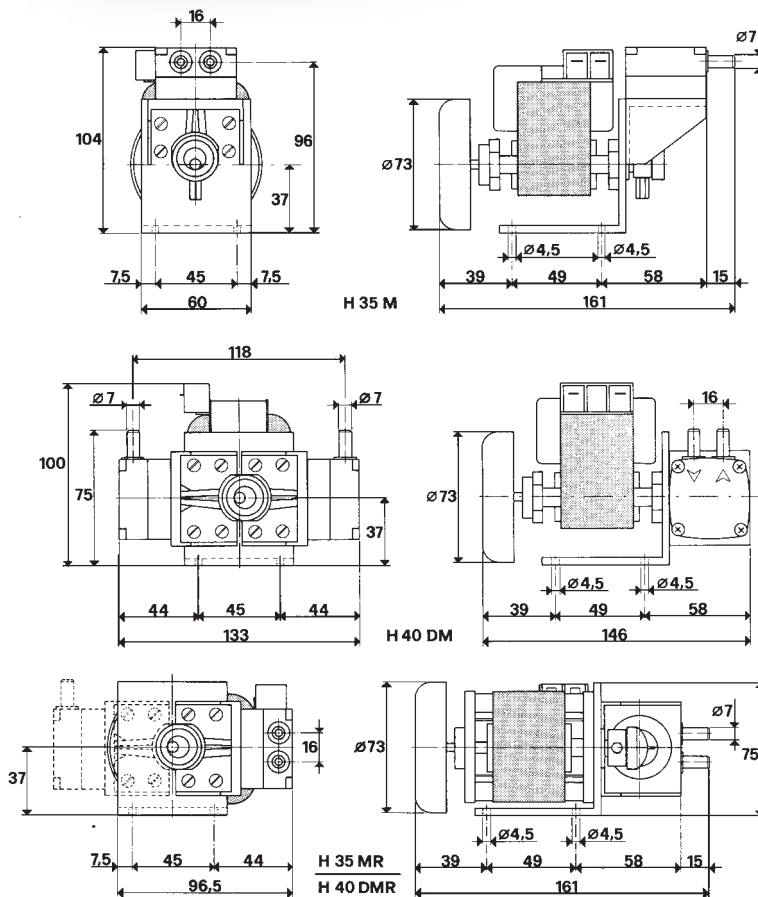


[Small diaphragm vacuum pumps]



The small vacuum pumps shown on this page produce vacuum using a diaphragm.

They can be used either as vacuum pump or as a small compressor, and they are able to deliver 100% oil-free compressed air, at a maximum pressure of 1 bar.

They consist of:

- A small single-phase electric motor, with protection class IP 00 (assembling execution), air-cooled.
- A pump body made of plastic material resistant to corrosion, complete with fittings at both suction and blowing ports.
- A diaphragm, integral to a connection rod, made of special materials, resistant to wear and corrosion.
- A connection rod with built-in "long-life" bearing, driven by a balanced eccentric system splined to the motor shaft.
- Aluminium bracket to hold the pump, available in two versions.

The diaphragm small vacuum pumps are very noiseless (<50dBA), have low vibrations and can be installed in every position.

Without lubrication, no maintenance is needed. Their compact size and light weight makes them particularly suitable for installation on portable equipment.

They are suitable for intermittent and not heavy use only.

Model	Capacity lt/l'	Final pressure mbar (a)	Max pressure bar (g)	Power watt	Input A	Weight Kg.
H 35 M	18.0	300	1	30	0.45	1.3
H 40 DM	17.5	300	1	38	0.40	1.6
H 35 MR	18.0	300	1	30	0.45	1.3
H 40 DMR	17.5	300	1	38	0.40	1.6