

[Oil-bath vacuum pumps MV200, 200A, 300, 300A]



MV series vacuum pumps are single stage pumps with rotating vanes, with oil-bath loop lubrication system.

These pumps are driven by a standard electric motor coupled together via an elastic drive joint. A centrifugal fan, splined to the pump shaft, assures a proper airflow for the best cooling of the pump unit (surface forced cooling).

A big tank for the oil recovery, installed on the pump outlet, with built-in oil condensate trap, reduces noise and eliminates smoke.

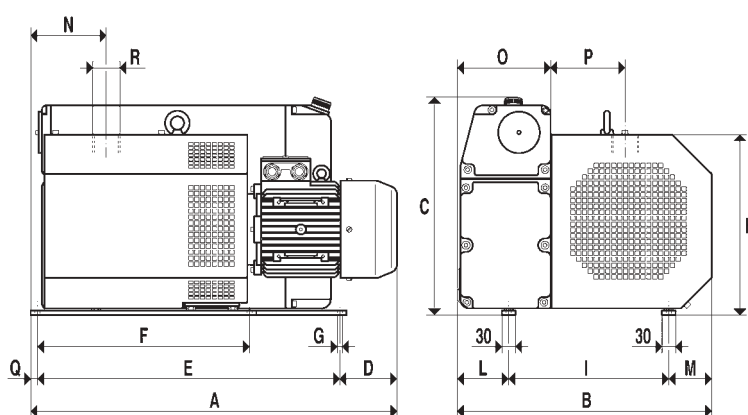
The oil contained in the system carries out the function of lubrication, cooling and sealing between the rotating and the fixed parts of the pump.

On the suction inlet, the check valve is integral part of the pump as a standard, while upon request, a suitable filter is supplied to stop possible sucked impurities.

All MV series pumps can be prepared for installing a gas ballast valve (upon request), which allows a high compatibility to steam.

Thanks to the above mentioned devices, as well as to a compact and sturdy construction, MV series of pumps are particularly suitable to operate on continuous duty and under very heavy conditions.

In the table on the side, dimensional data and values concerning the technical specifications of this series of pumps are shown.



MV		200	200A	300	300A
Capacity	cum/h	200	200	300	300
Final pressure	mbar abs.	20	0.7	20	0.7
Motor execution	Volt	230/400 ± 10%, 50 Hz			
Motor power	Kw	5.5	5.5	7.5	7.5
Motor power	Hp	7.5	7.5	10	10
Rpm		1450	1450	1450	1450
Max weight	Kg	150	150	180	180
A		820	820	1030	1030
B		570	570	570	570
C		485	485	485	485
D		135	135	245	245
E		670	670	770	770
F		470	470	625	625
G	ø	12	12	12	12
H		400	400	400	400
I		350	350	350	350
L		123	123	123	123
M		97	97	97	97
N		167	167	282	282
O		206	206	206	206
P		165	165	165	165
Q		15	15	15	15
R	ø gas	2"	2"	2"	2"