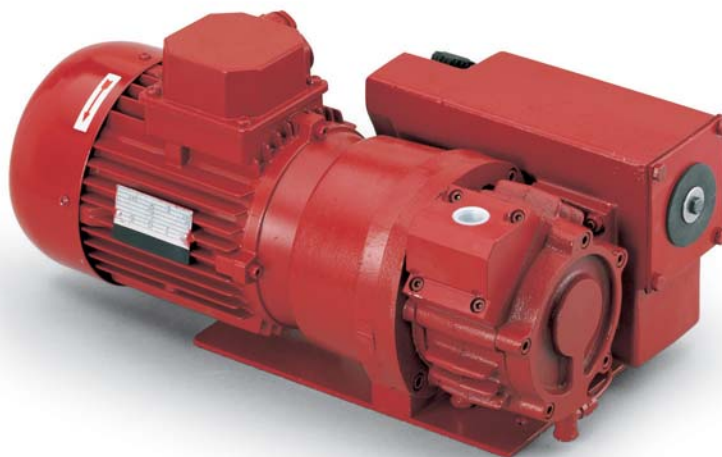


[Oil-bath vacuum pumps MV 20, 20A]



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.

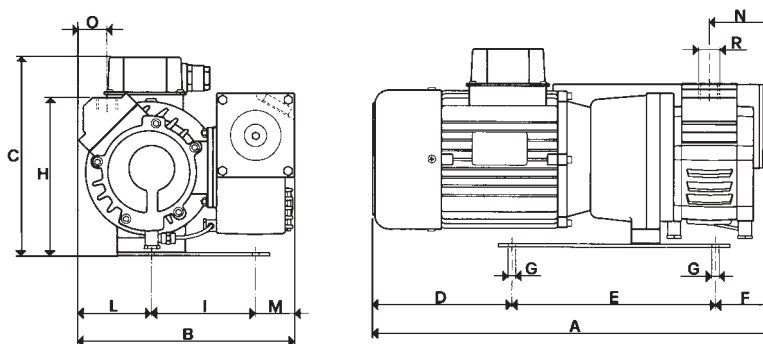
The oil contained in the system carries out the function of lubrication, cooling and sealing between the rotating and the fixed parts of the pump.

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		20	20A
Capacity	cum/h	20	20
Final pressure	mbar abs.	40	0.7
Motor execution	Volt	230/400 ± 10%, 50 Hz	
Motor power	Kw	0.75	0.75
Motor power	Hp	1	1
Rpm		2800	2800
Max weight	Kg	21.5	21.5
A		425	425
B		235	235
C		215	215
D		145	145
E		220	220
F		60	60
G	∅	6.5	6.5
H		170	170
I		113	113
L		82	82
M		40	40
N		60	60
O		30	30
R	∅ gas	1/2"	1/2"