MOT

Vacuum Pumps & Compressor

Oil Circulated



Rotary Vane Vacuum Pumps

MVO 010/020

10 / 20 m³/hr (50Hz) 12 / 24 m³/hr (60Hz) 0.5 / 2 / 20 mbar

Reliability

High quality material, quality control according to ISO9001, CE, mark authentication standard, automated machining facility, computer control process, etc. Guarantee standardized and accurate product manufacturing. Where operation of vaccum pump stops during vaccum work in direct couping operation method of flange type. Check valve is installed at the suction hole in order to prevent revers—flow.

Environmentally safe

Air cooling, internal oil re-curculation, integral oil mist separator for oil-free exhaust air, low vibration and low noise level allows this pump to be used in any environment.

Easy to service

Compact design, air-cooling and easy access allows rapid and simple servicing with long periods between services.

It is uppecessary to do in the same way for

It is unnecessary to do in the same way for replacing other consumables when oil change is needed. This pump is coupling direct type for used flange motor for international specification. Easy maintenance caused by reduced weight & electric consumption.

Application range

This type of vacuum pump uses oil for lubrication of rotary part and maintenance of vacuum may be obtained in order to be use for various applications. Vacuum packing machine, Food packing, Laboratory, Medical instrument, Vacuum molding, Vacuum dryer, Vacuum consolidate.

SVO/MVO

MOT

SML

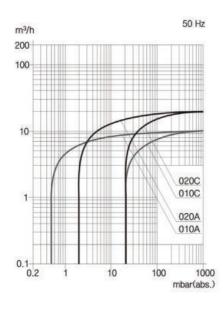
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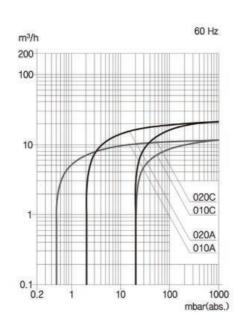
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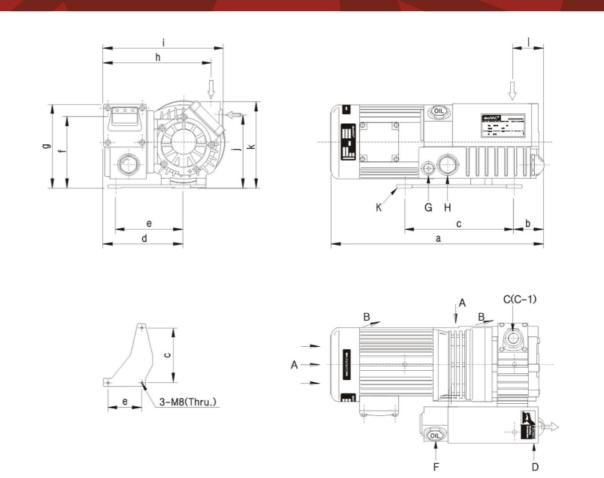


| Technical Data | | | MVO-010 | MVO-020 | |
|---------------------------------|--------------|-------------------|--------------------|--------------------|--|
| Norminal displacement | | m³/h m³/h | 10 12 | 20 24 | |
| Ultmimate pressure | A C | mbar | 0.5 20 | 2 20 | |
| Motor version(3~) | 50Hz 60Hz | | 230/400 220/380 | 230/400 220/380 | |
| Motor version(1~) | 50Hz 60Hz | | 230 | 230 | |
| Nominal motor rating (3~) | 0012 | kW | 0,42 | 0,75 | |
| Nominal motor rating(1~) | | kW | 0.55 | 0.95 | |
| Nominal motor speed | | min ⁻¹ | 1420 1700 | 2850 3420 | |
| Sound level | 00112 | dB(A) | 58 | 61 | |
| | | | | | |
| | | | | | |
| Operating temperature (Ambient) | | °C | 40 | 40 | |
| Oil filling | | liter | 0.4 | 0.4 | |
| Weight approx | 50Hz 60Hz | kg kg | 20 | 20 | |





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| A | Cooling air entry | |
|-----|-------------------|---------------|
| B | Cooling air exit | |
| | Inlet flange | PT 1/2" |
| C-1 | Inlet flange | PT 1/4" |
| | Exhust port | PT 1/2" |
| F | Oil filling plug | |
| G | Oil drain plug | |
| H | Oil sight glass | |
| | Pump base | 3-M8 (THRU.) |

| Model | а | b | С | d | е | f | g | h | i | j | k | 1 |
|---------|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|---|---|
| MVO-010 | 410 | 48 | 208 | 151 | 128 | 140 | 161 | 206 | 231 | 141 | | |
| MVO-020 | 410 | 48 | 208 | 151 | 128 | 140 | 161 | 206 | 231 | 141 | | |
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