

B046R20

Mobile vacuum pump unit

For evacuation of air or nitrogen

This vacuum pump unit is very powerful with a nominal suction capacity is 200 m³/h at 50 Hz for quick and reliable evacuation of air to a final vacuum of 1 mbar. This unit is particularly suitable for the evacuation of large gas compartments.

Two coupling connections (DN20 and DN40) allow the evacuation of two gas compartments at the same time without any manifold that means more efficiency and higher productivity during operation.



Standard version

- vacuum pump for evacuation of air, nominal suction capacity 200 m³/h (at 50 Hz), 240 m³/h (at 60 Hz), final vacuum 1 mbar
- digital vacuum indication 0 - 100 mbar
- solenoid valve
- DILLO couplings DN20 / DN40
- electric control
- fixing and steerable rollers
- storage tray for tools and accessories
- wrenches for DILLO couplings
- paint: anthracite

Special features

- Gas type: SF₆
- Evacuation of air: < 1 mbar
- DILLO couplings: DN20/DN40
- Operating voltage: 208-240/380-460 V
- Frequency: 50/60 Hz
- Operation: automatic

Advantages & functions

- final vacuum 1 mbar
- adapters for other nominal widths are available
- protection of the vacuum pump against overpressure by a solenoid valve

Technical data

Operating voltage	380 - 460 V
Weight	332 kg
Dimensions (W x H x D)	780 x 1140 x 1310 mm
Frequency	50 - 60 Hz three-phase current
Ambient temperature	0 to +45 °C
Operating temperature	0 to +45 °C
Storage temperature	-20 to +60 °C

Configuration

Operating voltage range	
208-240V/50Hz or 208-240V/60Hz	(3-phase current)
380-460V/50Hz or 380-480V/60Hz	(3-phase current)
600V / 60Hz	(3-phase current)
Vacuum pump	
200m ³ /h, <1mbar (S01)	
200m ³ /h, <1mbar (S02)	
200m ³ /h, <1mbar (S03)	
Device covering	
without device covering	
tarpaulin	

Optional accessories

6-1017-R050	5 m long rubber hose DN20 with DILO coupling tongue part DN20 on both ends
6-1017-R100	10 m long rubber hose DN20 with DILO coupling tongue part DN20 on both ends
6-1076-R050	5 m long wire-braided hose DN40 with DILO-coupling tongue part DN40 on both ends PN16
6-1076-R100	10 m long wire-braided hose DN40 with DILO-coupling tongue part DN40 on both ends
6-1080-R050	5 m long wire-braided hose DN40 with DILO coupling tongue part DN40 on one end and DILO coupling tongue part DN20 on the other end
6-1080-R100	10 m long wire-braided hose DN40 with DILO coupling tongue part DN40 on one end and DILO coupling tongue part DN20 on the other end
6-1048-R121	Annual maintenance package for vacuum pump
6-1053-R002/1M	Electrical connecting cable 5x2,5 AWG13 (available lengths 5 - 30 m)
6-1053-R003/1M	Electrical connecting cable 5x6 AWG9 (available lengths 5 - 30 m)

Packaging

3-748-R017-C	Packing for B046R20
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Note

For the 380 - 480 V voltage range the following cable is required: 6-1053-R002

For the 200 - 240 V voltage range the following cable is required: 6-1053-R003