

Z300R11

Mobile vacuum pump unit

Nominal suction capacity vacuum pump (160 m³/h [at 50 Hz]; 190 m³/h [at 60 Hz])

Nominal suction capacity Roots pump (250 m³/h [at 50 Hz]; 300 m³/h [at 60Hz])

For evacuation of air or nitrogen

This series is very powerful and allows quick evacuation of large gas compartments. A vacuum pump combined with a Roots pump enables to obtain a final vacuum of 2×10^{-2} mbar. Thus not only air but also moisture is removed from the circuit breakers. Therefore the subsequent filling process is prepared perfectly.

Three coupling connections (DN20 and 2 x 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

- Roots pump, mounted on a vacuum pump, final vacuum 2×10^{-2} mbar
- digital vacuum indication 0 - 100 mbar
- solenoid valve DN50
- DILLO couplings DN20 / DN40
- electric control
- fixing and steerable rollers
- crane eyelets
- storage tray for tools and accessories
- wrenches for DILLO couplings
- paint: orange

Special features

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

Advantages & functions

- final vacuum 2×10^{-2} mbar
- protection of the vacuum pump against overpressure by a solenoid valve
- adapters for other nominal widths are available

Technical data

Dimensions (W x H x D)	800 x 1500 x 1250 mm
Weight	450 kg
Ambient temperature	0 to +45 °C
Operating temperature	0 to +45 °C
Storage temperature	-20 to +60 °C

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-R131	Annual maintenance package for vacuum pump
6-1053-R003/1M	Electrical connecting cable 5x6 AWG9 (available lengths 5 - 30 m)
6-1053-R004/1M	Electrical connecting cable 5x16 AWG5 (available lengths 5 - 30 m)

Packaging

3-1001-R015-C	Packing for Z300R11 / Z300R12
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Note

Even larger vacuum pump stands are available on request.

For the 380 - 480 V voltage range the following cable is required: 6-1053-R003

For the 200 - 240 V voltage range the following cable is required: 6-1053-R004