

B078R19V1

Mini Series portable vacuum pump unit (with solenoid valve)

Operating voltage: 208 - 240 V / 50 - 60 Hz alternating current

This version is equipped with a solenoid valve in order to prevent operating errors, as the valve closes automatically when the power is switched off or when the function ends. Thus ensuring that no oil from the vacuum pump can get into the gas compartment in case of operating errors.

Portable vacuum pump unit for evacuation of air

The portable vacuum pump unit is convincing by its easy handling. The unit serves for evacuation of air or nitrogen from gas compartments. The 16 m³/h vacuum pump (standard version) enables a final vacuum of 1 mbar. Thus it is guaranteed that no air/gas mixture can be generated and the excellent insulation properties of SF₆ or other quenching and insulating gases are maintained. With the optionally available DILO flange coupling groove parts, the vacuum pump unit can also be used for C4-FN and CA.



Standard version

- vacuum pump for evacuation of air (16 m³/h [at 50 Hz]; 19 m³/ [at 60 Hz]), final vacuum 1 mbar
- DILO flange coupling groove part DN20 (M45x2 for SF₆ use)
- ball valve or solenoid valve DN20
- digital vacuum indication 0 - 400 mbar
- 3 m long electrical connecting cable
- paint: anthracite

Special features

- Evacuation of air: < 1 mbar
- Operation: manual
- DILO couplings: DN20

Advantages & functions

Upon completion of the evacuating process the solenoid valve closes automatically, thus preventing oil contamination.

Technical data

Dimensions (W x H x D)	270 x 370 x 435 mm
Weight	29 kg
Ambient temperature	0 to +45 °C
Operating temperature	0 to +45 °C
Storage temperature	-20 to +60 °C
Protection class	IP54
Sound level	59 dB at 50 Hz
Sound level	60 dB at 60 Hz

System components

Units of the MINI-Series - SF₆ gas handling on small gas compartments

The MINI Series is composed of a number of units and is perfectly suited for gas handling of small gas compartments and gas reclaiming to 5 mbar. This series even exceeds the IEC directives which are in effect and can compete with the more powerful series. We recommend using this series for small gas quantities. Oilfree compressors allow gas handling without contamination by oil residues.



B095R12V1	Mini Series compressor unit
B095R12V1S15	Mini Series compressor unit
B093R30V2	Mini Series vacuum compressor unit (3.3 m ³ /h)
B093R51	Mini Series suction pump unit (3 m ³ /h)
B093R51S15	Mini Series suction pump unit (3 m ³ /h)
B077R20	Mini Series pre-filter unit (p _e 50 bar)
B132R01	Operating panel for Mini Series

Optional accessories

6-1359-R050	5 m long DN20 wire-braided hose, DN8 coupling tongue part on one end and DN20 coupling tongue part on the other end PN 40 bar
6-1173-R050	5 m long DN8 wire-braided hose, DN8 coupling tongue part on one end and DN20 coupling tongue part on the other end
6-1120-R050	5 m long DN20 rubber hose, DN8 coupling tongue part on one end and DN20 coupling tongue part on the other end
6-1017-R050	5 m long rubber hose DN20 with DILO coupling tongue part DN20 on both ends
6-1138-R050	5 m long DN8 rubber hose, DN8 coupling tongue part on one end and DN20 coupling tongue part on the other end
3-393-R001	SF ₆ gas refilling device for high-voltage
C4-3-401-R099 C	DILO flange coupling groove part DN20 (M48x2) for C4-FN
C4-6-1069-R050 C	5 m long wire braided hose DN20 with protective metal sheathing with coupling tongue part on both ends DN20 (M48x2) - C4-FN
C4-6-1173-R050 C	5 m long DN8 wire-braided hose, DN8 (M28x1,5) coupling tongue part on one end and DN20 (M48x2) coupling tongue part on the other end for C4-FN
CA-3-401-R099 P	DILO flange coupling groove part DN20 (M50x2) for CA
CA-6-1173-R050	5 m long DN8 wire-braided hose, DN8 (M24x1,5) coupling tongue part on one end and DN20 (M50x2) coupling tongue part on the other end
CA-6-1069-R050	5 m long wire braided hose DN20 with protective metal sheathing with coupling tongue part on both ends DN20 (M50x2) for CA
05-0886-R001	Blank flange KF25 stainless steel
3-781-R024	Aluminium transport case
6-1048-R111	Annual maintenance package for vacuum pump

Packaging

3-748-R003-C	Packing for B095... / B093R... / B078R...
--------------	---