

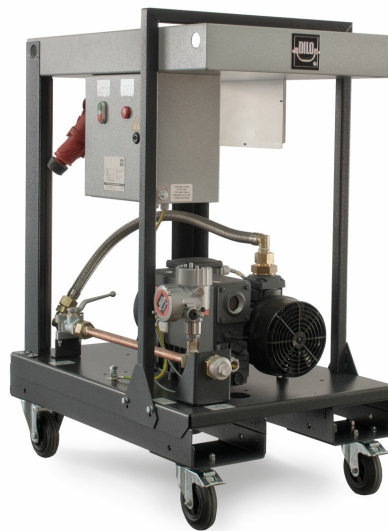
B046R03

## **Mobile vacuum pump unit with ball valve**

### **For evacuation of air or nitrogen**

The mobile vacuum pump unit is convincing by its easy handling. The unit serves for evacuation of air or nitrogen from gas compartments. The 40 m<sup>3</sup>/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 SF<sub>6</sub> are maintained. The 2-stage vacuum pump (available as option) even reaches a final vacuum of 0.0067 mbar. This version is equipped with a ball valve. The unit is available in different performance classes (see optional equipment), so that all requirements can be easily met.

The vacuum pump unit is equipped with a flange coupling groove part M45x2 (DN20 thread for SF<sub>6</sub> gas applications) as a standard feature and can be equipped with flange coupling groove parts for C4-FN (M48x2), C5-FK (M43x2) and CA (M50x2) which are available as an option in order to avoid confusion.



### **Standard version**

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- vacuum pump for evacuation of air, delivery rate (configurable)
- digital vacuum indication 0 - 100 mbar
- ball valve DN20
- DILLO flange coupling groove part DN20 (M45x2)
- electric control
- fixing and steerable rollers
- storage tray for tools and accessories
- wrenches for DILLO couplings
- paint: anthracite

### **Special features**

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

## Advantages & functions

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- final vacuum < 1mbar
- different performances are available
- adapters for other nominal widths are available

## Technical data

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Dimensions (W x H x D)	610 x 1150 x 890 mm
Weight	115 kg
Operating voltage	208 - 240 V
Operating voltage	380 - 460 V
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	
208-240V/60Hz(3-phase current)	
208-240V/50Hz(3-phase current)	
380-460V/60Hz(3-phase current)	
380-440V/50Hz(3-phase current)	
200 - 210 V / 50-60 Hz (3-phase current)	
600V / 60Hz (3-phase current)	
Delivery rate of vacuum pump	
40m <sup>3</sup> /h,<1mbar(S01+S03+S04+S05)	
40m <sup>3</sup> /h, <1mbar (S02)	
40m <sup>3</sup> /h, <1mbar (S06)	
63m <sup>3</sup> /h,<1mbar(S01+S03+S04+S05)	
63m <sup>3</sup> /h, <1mbar (S02)	
63m <sup>3</sup> /h, <1mbar (S06)	
100m <sup>3</sup> /h,<1mbar(S01+S03+S04+S05)	
100m <sup>3</sup> /h, <1mbar (S02)	
100m <sup>3</sup> /h, <1mbar (S06)	
40m <sup>3</sup> /h, 0.002mbar (S01 - S05)	
40m <sup>3</sup> /h, 0.002mbar (S06)	
65m <sup>3</sup> /h, 0.002mbar (S06)	
65m <sup>3</sup> /h, 0.002mbar (S01 - S05)	
TypRH0040, 0,0067mbar(S01-S05)	33m <sup>3</sup> /h at 50Hz, 39m <sup>3</sup> /h at 60Hz
TypRH0040, 0,0067mbar (S06)	33m <sup>3</sup> /h at 50Hz, 39m <sup>3</sup> /h at 60Hz
TypRH0060, 0,0067mbar(S01-S05)	55m <sup>3</sup> /h at 50Hz, 65m <sup>3</sup> /h at 60Hz
TypRH0090, 0,0067mbar(S01-S05)	80m <sup>3</sup> /h at 50Hz, 95m <sup>3</sup> /h at 60Hz
TypRH0060, 0,0067mbar (S06)	55m <sup>3</sup> /h at 50Hz, 65m <sup>3</sup> /h at 60Hz
TypRH0090, 0,0067mbar (S06)	80m <sup>3</sup> /h at 50Hz, 95m <sup>3</sup> /h at 60Hz
Device covering	
without device covering	
tarpaulin for type 1+2	

## Optional accessories

6-1017-R050	5 m long rubber hose DN20 with DILO coupling tongue part DN20 on both ends
6-1069-R050	5m long wire braided hose DN20 with protective sleeve and coupling tongue part DN20 on both ends
3-393-R001	SF <sub>6</sub> gas refilling device for high-voltage
6-046KA-R001	Plastic cover
6-1053-R002/1M	Electrical connecting cable 5x2,5 AWG13 (available lengths 5 - 30 m)
C4-3-401-R099 C	DILO flange coupling groove part DN20 (M48x2)
C5-3-401-R099 C	DILO flange coupling groove part DN20 (M43x2)
CA-3-401-R099 P	DILO flange coupling groove part DN20 (M50x2)
C4-6-1069-R050 C	Wire-braided hose, 5 m long, with protective hose and coupling tongue part DN20 (C4-VK/F-02/20 C , M48x2) on both ends, PN 40 bar
C5-6-1069-R050	5 m long wire braided hose DN20 with protective metal sheathing with coupling tongue part on both ends DN20 (M43x2) - C5-FK
CA-6-1069-R050	5 m long wire braided hose DN20 with protective metal sheathing with coupling tongue part on both ends DN20 (M50x2)
05-0886-R001	Blank flange KF25 stainless steel
6-1048-R112	Annual maintenance package for standard vacuum pump (40 m <sup>3</sup> )
6-1048-R113	Annual maintenance package for vacuum pump 6-0005-R050 (63m <sup>3</sup> ) / 6-0005-R051 (100 m <sup>3</sup> )
6-1048-R116	Annual maintenance package for two-stage vacuum pump 6-0005-R170 RH60 (55 m <sup>3</sup> )
6-1048-R117	Annual maintenance package for two-stage vacuum pump 6-0005-R171 RH90 (80 m <sup>3</sup> )

## Packaging

3-748-R001-C	Packing for B046R03 / B046R13
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