

# LW 160 E1



The user-friendly LW 160 E1 with electric drive is ideal for mobile applications or occasional filling operations.  
The model differs in E and E 1 (E - 3 Phase version / E1 - 1 Phase version).

## Specifications

- » Electro Motor (Standard: 230V, 1 Phase, 50Hz)
- » Start/Stop Switch
- » Stainless steel frame
- » Manual condensate drain
- » Pressure maintaining and non return valve
- » 1x Filling hose c/w filling valve and pressure gauge
- » Intermediate coolers
- » Oil- / Water separators after 2nd and 3rd stage
- » Safety valves after each stage
- » Filling pressure to your choice (200 or 300 bar)
- » Connections to your choice  
(DIN 200 bar or 300 bar, CGA 200 bar or 300 bar and INT)
- » Breathing air purification an accordance to EN 12021

## Options

- » Additional filling hose c/w filling valve
- » Automatic condensate drain
- » Automatic stop at final pressure c/w hour counter
- » Switch over device for 200 or 300 bar
- » Motor protection switch
- » Special voltages / frequencies on request
- » Conversion set: Petrol-/electro version



## Technical Data

LW 160 E1	
Type:	Air cooled piston compressor
Capacity [litre/min] / [Nm <sup>3</sup> /h] / [cfm]:	160 / 9.6 / 5.6
Max. Pressure [bar]:	330
RPM [1/min]:	1450
No of cylinders / No of stages:	3 / 3
Prime mover type:	E-Motor / 230V / 1 Phase / 50Hz
Drive power [kW] with 50 Hz / 60 Hz:	4.0 / 4.8
Cooling air req. [m <sup>3</sup> /h] with 50 Hz / 60 Hz:	1200 / 1440
Lubrication type:	Splash oil
Oil capacity [litre]:	0.8
Operating temperature [°C]:	+5°C to +45°C
Filter capacity [m <sup>3</sup> at +20°C] <sup>1)</sup> :	180 (at +20°C / approx. 19 h)
Dimensions W x D x H [mm]:	780 x 420 x 560
Weight [kg]:	90
Noise level (measured at 1 m) [dB]:	84

<sup>1)</sup> In accordance with EN 12021

### Lenhardt & Wagner GmbH

An der Tuchbleiche 39  
68623 Hüttenfeld / Germany

Phone: +49 (0)62 56 - 8 58 80 -0  
Fax: +49 (0)62 56 - 8 58 80 -14

eMail: [service@lw-compressors.com](mailto:service@lw-compressors.com)  
Internet: [www.lw-compressors.com](http://www.lw-compressors.com)