

# LW 100 E1



The LW 100 E is a particularly lightweight and reliable breathing air compressor. It is designed for mobile use and impresses with its flexibility combined with low maintenance requirements and maintenance costs. It is resistant to seawater, due to the painted block and the stainless steel frame. This making it ideal for your air supply in seawater environment. The steel piston rings in the compressor stages provide long term consistent delivery performance (fill time).

## Specifications

- » Elektroantrieb ((E-Motor / 230V / 1 Phase / 50Hz)
- » Power cable with plug
- » 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 for each stage
- » Pistons c/w steel piston rings
- » 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 120211

## 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 100 E1	
Type:	Air cooled piston compressor
Capacity [litre/min] / [Nm <sup>3</sup> /h] / [cfm]:	100 / 6 / 3.5
Max. Pressure [bar]:	330
RPM [1/min]:	2300
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:	2.2 / 2.2
Cooling air req. [m <sup>3</sup> /h] with 50 Hz / 60 Hz:	660 / 660
Lubrication type:	Splash oil
Oil capacity [litre]:	0.5
Operating temperature [°C]:	+5°C to +45°C
Filter capacity [m <sup>3</sup> at +20°C] <sup>1)</sup> :	108 (at +20°C / approx. 18 h)
Dimensions W x D x H [mm]:	670 x 400 x 400
Weight [kg]:	43
Noise level (measured at 1 m) [dB]:	82

<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)