

LW 100 E



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

- » Electro motor (E-Motor / 400V / 3 Phase / 50 Hz)
- » 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
- » All pistons with 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 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 100 E	
Type:	Air cooled piston compressor
Capacity [litre/min] / [Nm ³ /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 / 400V / 3 Phase / 50 Hz
Drive power [kW] with 50 Hz / 60 Hz:	2.2 / 2.6
Cooling air req. [m ³ /h] with 50 Hz / 60 Hz:	660 / 780
Lubrication type:	Splash oil
Oil capacity [litre]:	0.5
Operating temperature [°C]:	+5°C to +45°C
Filter capacity [m ³ at +20°C] ¹⁾ :	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

¹⁾ 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

Internet: www.lw-compressors.com