

# 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
- » Steel frame c/w carrying handles
- » 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

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