

# LW 320 E AL Nautic



The LW 320 E AL Nautic is designed for mobile use but also suitable for stationary applications. It can optionally be used as a fully automatic stationary system by adding the available extras. It comes fully wired with star/delta system and with a lightweight and seawater resistant aluminum frame.

## Specifications

- » Electro motor (E-Motor / 400V / 3 Phase / 50 Hz)
- » Seawater resistant aluminum-frame (Colour: RAL 9006)
- » Crash frame c/w 4 carrying handles and sling eyes
- » Hour counter and integrated pressure gauge
- » Manual condensate drain
- » 4x Filling hose c/w filling valve
- » Pressure maintaining and non return valve
- » All pistons c/w steel piston rings
- » **NEW** - Improved lubrication system with adjustable oil pump
- » Low pressure oil pump with oil sieve
- » Oil- / Water separators in stainless steel
- » 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 in accordance to EN 12021

## Options

- » Automatic condensate drain
- » Automatic stop at final pressure
- » Auto start system
- » 200 and 300 bar parallel filling pressures
- » Additional high pressure outlet
- » Oil pressure gauge
- » Wheel set
- » Special voltages / frequencies on request



## Technical Data

LW 320 E AL Nautic	
Type:	Air cooled piston compressor
Capacity [litre/min] / [Nm³/h] / [cfm]:	320 / 19.2 / 11.3
Max. Pressure [bar]:	350
RPM [1/min]:	1580
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:	7.5 / 9.0
Cooling air req. [m³/h] with 50 Hz / 60 Hz:	2250 / 2700
Lubrication type:	Oil pump + Splash oil
Oil capacity [litre]:	1.8
Oil pressure [bar]:	1.8 (+/- 0.3)
Operating temperature [°C]:	+5°C to +45°C
Filter capacity [m³ at +20°C] <sup>1)</sup> :	900 (at +20°C / approx. 46 h)
Dimensions W x D x H [mm]:	1290 x 600 x 740
Weight [kg]:	175
Noise level (measured at 1 m) [dB(A)]:	83

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

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