

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] / [Nm ³ /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. [m ³ /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 [m ³ at +20°C] ¹⁾ : | 900 (at +20°C / approx. 46 h) |
| Dimensions W x D x H [mm]: | 1290 x 640 x 740 |
| Weight [kg]: | 175 |
| Noise level (measured at 1 m) [dB(A)]: | 83 |

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