

LW 170 E Nautic



The user-friendly electric-powered compressor in a compact design makes this compressor ideal for stationary filling operations. Due to crash frame, carrying handles and lifting, the LW 170 E Nautic is also easy to use as a mobile system. Optional it is available with seawater-resistant lightweight aluminum frame.

Specifications

- » Electro motor (Standard: 400V, 3 phase, 50Hz)
- » Power cable with plug and phase selector
- » Control panel c/w running indicator light, emergency stop and start/stop switch
- » Hour counter and integrated pressure gauge
- » Crash frame c/w 4 carrying handles and sling eyes (Colour: RAL 6026)
- » Manual condensate drain
- » 2 self-venting lever operated filling valves c/w hoses and connections
- » Pressure maintaining and non return valve
- » Stainless steel intermediate coolers
- » Stainless steel pipes
- » 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

- » Two additional filling hoses c/w filling valve
- » Automatic condensate drain
- » Automatic stop at final pressure
- » Auto start system
- » 200 and 300 bar parallel filling pressures
- » Motor protection switch
- » Additional high pressure outlet
- » Special voltages / frequencies on request
- » Aluminium frame (AL-Version)



Technical Data

LW 170 E Nautic	
Type:	Air cooled piston compressor
Capacity [litre/min] / [Nm ³ /h] / [cfm]:	170 / 10.2 / 6.0
Max. Pressure [bar]:	330
RPM [1/min]:	1530
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:	4.0 / 4.8
Cooling air req. [m ³ /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 ³ at +20°C] ¹⁾ :	180 (at +20°C / approx. 16 h)
Dimensions W x D x H [mm]:	1030 x 500 x 730
Weight [kg]:	135 / 115 (Al)
Noise level (measured at 1 m) [dB]:	85

¹⁾ In accordance with EN 12021

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