



LW 400 E MC

The new MC Series from L&W has been created for dive centers, ships, boats and places with limited space.

These are suitable for continuous operation and guarantee low maintenance costs due to long service intervals.

Depending on the motor size they are fully equipped with either direct- or star /delta start systems. A super lightweight aluminum frame enables mobile applications, combined with very high filling capacity. The robust and powerful compressor block also allows being used at fully automatic stationary plants.



Figure with options



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LW 400 E MC



Specifications

- » Electro motor (Standard: 400V, 3 phase, 50Hz)
- » Painted lightweight aluminium frame in RAL 9006
- » Hour counter
- » Start / Stop switch with star/delta start system
- » Emergency stop switch
- » Manual condensate drain
- » 2 x Filling hose c/w filling valve
- » Pressure maintaining and non return valve
- » All pistons c/w steel piston rings
- » Low pressure oil pump
- » Oil filter with bypass
- » Oil- / Water separators after 2nd and 3rd stage
- » Safety valves after each stage
- » 3 x concentric suction/pressure valves
- » 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



Control panel c/w options



Filling pressure gauge c/w options

Options

- » Automatic condensate drain incl. collecting tank
- » Automatic stop at final pressure
- » Additional filling hoses c/w filling valves
- » Auto start system
- » Switch over device 200/300 bar
- » 200 and 300 bar parallel filling pressures
- » Oil pressure gauge
- » Oil pressure monitoring c/w auto shut down
- » Intermediate pressure gauges
- » Cylinder head temperature monitoring with auto shut down
- » Puracon filter monitoring (Auto shut down also available)
- » Phase monitoring c/w shut down at wrong direction of rotation
- » Remote control box
- » Additional high pressure outlet
- » Wheel set
- » Power cable and plug
- » Special voltages / frequencies on request

Technical Data

LW 400 E MC	
Type:	Air cooled piston compressor
Capacity [litre/min] / [Nm ³ /h] / [cfm]:	400 / 24 / 14
Max. Pressure [bar]:	350
RPM [1/min]:	1700
No of cylinders / No of stages:	3 / 3
Prime mover type:	E-Motor / 400V / 3 Phase / 50-60 Hz
Drive power [kW] with 50 Hz / 60 Hz:	11.0 / 13.2
Cooling air req. [m ³ /h] with 50 Hz / 60 Hz:	3300 / 3960
Lubrication type:	Oil pump + Splash oil
Oil capacity [litre]:	approx. 2.0
Oil pressure [bar]:	2.5 - 4.0 (± 0.5)
Operating temperature [°C]:	+5°C to +45°C
Filter capacity [m ³ at +20°C] ¹⁾ :	900 (at +20°C)
Dimensions W x D x H [mm]:	1280 x 510 x 826
Weight [kg]:	160 - 175
Noise level [dB]:	83 (measured at 1 m)

¹⁾ In accordance with EN 12021

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