

**NEW!**

# LW SC-480 ES



**Compressors**



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# LW SC-480 ES



## Specifications

- » Electro motor
- » Powder coated steel housing (RAL 7016)
- » Sound insulated housing
- » Automatic condensate drain
- » Automatic stop at final pressure
- » Hour counter
- » Operating panel with start/stop and condensate test button, as well emergency stop switch
- » Motor protection switch
- » Safety switch
- » Pressure maintaining and non return valve
- » All pistons c/w steel piston rings
- » 3 x concentric suction/pressure valves
- » Low pressure oil pump and filter
- » Oil- / Water separators after each stage
- » Safety valves after each stage
- » Maintenance door on both sides
- » High pressure outlet with 3000 mm hose
- » Filling pressure of your choice (200 or 300 bar)
- » Breathing air purification an accordance to EN 12021

## Options

- » Auto start system
- » Up to 6 additional hoses available
- » 4- fold filling panel installed at front door
- » 200 and 300 bar parallel filling pressures
- » Phase monitoring c/w shut down at wrong direction of rotation
- » Ambient temperature monitoring
- » Oil pressure gauge
- » Intermediate pressure gauges
- » Oil pressure monitoring c/w auto shut down
- » Indicator light - service interval
- » Cylinder head temperature monitoring with auto shut down
- » Oil temperature display with auto shut down
- » 2.3 ltr. Filter housing (Filter capacity: 1200 m<sup>3</sup> at +20°C)
- » Puracon filter monitoring
- » Remote Tab Control - RTC
- » Power cable and plug
- » Special voltages / frequencies on request

## Technical Data

| LW SC-480 ES  |                                  |
|---|----------------------------------|
| Type:   | Air cooled piston compressor     |
| Charging rate * [litre/min] / [Nm <sup>3</sup> /h] / [cfm]: | 480 / 28.8 / 17                  |
| Max. Pressure [bar]:  | 350                              |
| RPM [1/min]:  | 1100                             |
| No of cylinders / No of stages:                             | 3 / 3                            |
| Prime mover type:   | E-Motor                          |
| Drive power [kW] with 50 Hz / 60 Hz:                        | 11.0 / 13.2                      |
| Cooling air req. [m <sup>3</sup> /h] with 50 Hz / 60 Hz:    | 3300 / 3960                      |
| Lubrication type:   | Oil pump                         |
| Oil capacity [litre]:                                       | 2.7                              |
| Oil pressure [bar]:   | 1.5 (+/- 0.2)                    |
| Operating temperature [°C]:                                 | +5°C to +45°C                    |
| Filter capacity [m <sup>3</sup> at +20°C] <sup>1)</sup> :   | 900 (at +20°C / approx. 31.25 h) |
| Dimensions W x D x H [mm]:                                  | 860 x 1260 x 1800                |
| Weight [kg]:  | 450                              |
| Noise level (measured at 1 m) [dB(A)]:                      | 71                               |

\* Measured by tank filling (10 l) from 0 - 200 bar, ± 5%.

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