



Specifications

- » Electro motor (E-Motor / 400V / 3 Phase / 50 Hz)
 » Painted steel housing (RAL 6026)
 » Sound insulated housing
 » **NEW** - Heavy duty compressor block components
 » 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
 » **NEW** - Improved lubrication system c/w oil filter
 » Low pressure oil pump and filter
 » Oil- / Water separators in stainless steel
 » Safety valves after each stage
 » 0.8 ltr. Prefilter (Enlarged the lifetime of the filter by approx. 5 h)
 » Condensate-Stop-Valve
 » 10 Litre Condensate tank with venting silencer
 » Maintenance door on both sides
 » High pressure outlet with 1500 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
 » **NEU** - 4- fold filling panel installed at front door
 » 200 and 300 bar parallel filling pressures
 » Oil pressure gauge
 » Intermediate pressure gauges
 » Oil pressure monitoring c/w auto shut down
 » Cylinder head temperature monitoring with auto shut down
- » Oil temperature display with auto shut down
 » 2.3 ltr. Filter housing (Filter capacity: 1440 m³ at +20°C)
 » Puracon filter monitoring (Auto shut down also available)
 » ECC control
 » Phase monitoring c/w shut down at wrong direction of rotation
 » Power cable and plug
 » Special voltages / frequencies on request

Technical Data

LW 450 ES III	
Type:	Air cooled piston compressor
Capacity [litre/min] / [Nm³/h] / [cfm]:	450 / 27.0 / 15.9
Max. Pressure [bar]:	350
RPM [1/min]:	1100
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:	11.0 / 13.2
Cooling air req. [m³/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 [m³ at +20°C] ¹⁾ :	1050 (at +20°C / approx. 38 h)
Dimensions W x D x H [mm]:	975 x 1260 x 1800
Weight [kg]:	452
Noise level (measured at 1 m) [dB]:	64

¹⁾ In accordance with EN 12021