

# LW 570 ES



The sound insulated LW 570 ES is a very slow running compressor with very low maintenance intervals and maintenance costs. It is suitable for continuous operation and comes fully wired with star / delta connection. The 4-stage compressor block is very reliable and is used for large and professional applications. It allows a max. pressure of 420 bar (as an option).



LW 570 ES  
with optional ECC control



LW 570 ES Inner view

# LW 570 ES



## Specifications

- » Electro motor (E-Motor / 400V / 3 Phase / 50 Hz)
- » Painted steel housing (RAL 6026)
- » 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
- » Maintenance doors on both sides
- » Pressure maintaining and non return valve
- » All pistons c/w steel piston rings
- » Low pressure oil pump and filter
- » Oil- / Water separators in stainless steel
- » Safety valves after each stage
- » 4 concentric suction/pressure valves
- » High pressure outlet 10L
- » 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

- » Auto start system
- » Up to 6 additional hoses available
- » 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
- » Puracon filter monitoring (Auto shut down also available)
- » ECC control
- » Phase monitoring c/w shut down at wrong direction of rotation
- » Block heating device
- » 420 bar Version
- » Power cable and plug
- » Special voltages / frequencies on request

## Technical Data

LW 570 ES	
Type:	Air cooled piston compressor
Capacity [litre/min] / [Nm³/h] / [cfm]:	570 / 34.0 / 20.1
Max. Pressure [bar]:	350 / 420
RPM [1/min]:	1100
No of cylinders / No of stages:	4 / 4
Prime mover type:	E-Motor / 400V / 3 Phase / 50 Hz
Drive power [kW] / [HP]:	15.0 / 20.0
Cooling air requirement [Nm³/h]:	4500
Lubrication type:	Oil pump + Splash oil
Oil capacity [litre]:	2.5
Oil pressure [bar]:	2.2 (+/- 0.5)
Operating temperature [°C]:	+5°C to +45°C
Filter capacity [m³ at +20°C] <sup>1)</sup> :	1200 (at +20°C / approx. 35 h)
Dimensions L x W x H [cm]:	81 x 110 x 168
Weight [kg]:	505
Noise level [dB]:	64 (measured at 1 m)

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

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