

LW 570 E II



The new LW 570 E II is a slow-rotating compressor with low maintenance intervals and service costs.

It is suitable for continuous running and for being used in three-shift operations at breathing air and high-pressure applications.

A new, industry-proven lubrication system and reinforced components form the core of the advanced LW 570 compressor block and improves the lifetime of the compressor unit. The innovative condensate system along with the new Condensate Stop Valve further optimizes the efficiency of the compressor and includes a 10 litre collection tank as well as a highly effective pre-separator for prolonging filter lifetime.



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LW 570 E II



Specifications

- » Electro motor (E-Motor / 400V / 3 Phase / 50 Hz)
- » Powder coated steel housing (RAL 6026)
- » Heavy duty compressor block components
- » Automatic condensate drain
- » Automatic stop at final pressure
- » Hour counter
- » Operating panel c/w start/stop and condensate test buttons, as well as emergency stop switch
- » Phase monitoring (e.g. direction of rotation)
- » By your choice 4x filling hose c/w cross design valve or high pressure outlet incl. 2,000 mm high pressure hose
- » Motor protection switch
- » Pressure maintaining and non return valve
- » All pistons c/w steel piston rings
- » Improved lubrication system c/w oil filter
- » Low pressure oil pump and oil sieve
- » Oil- / Water separators in stainless steel
- » Safety valves after each stage
- » 0.8 l Prefilter
- » Condensate-Stop-Valve
- » 10 l Condensate tank
- » 4 concentric suction/pressure valves
- » Filling pressure of 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

- » Auto start system
- » 200 and 300 bar parallel filling pressures
- » Oil pressure gauge
- » Intermediate pressure gauges
- » Oil pressure monitoring c/w auto shut down
- » Oil temperature display with auto shut down
- » Cylinder head temperature monitoring with auto shut down
- » Puracon filter monitoring (Auto shut down also available)
- » Remote Pro Control - RPC
- » Additional high pressure outlet
- » Power cable and plug
- » Block heating device
- » 420 bar Version
- » Air Cooler connection kit
- » Special voltages (230 to 690 V) and frequencies (60 Hz) on request

Technical Data

LW 570 E II	
Type:	Air cooled piston compressor
Capacity [litre/min] / [Nm ³ /h] / [cfm]:	570 / 34,2 / 20,1
Max. Pressure [bar]:	350 / 420
RPM [1/min]:	1060
No of cylinders / No of stages:	4 / 4
Prime mover type:	E-Motor
Drive power [kW]:	15.0
Cooling air req. [m ³ /h]:	4500
Lubrication type:	Oil pump
Oil capacity [litre]:	2.9
Oil pressure [bar]:	2,0 (+/- 0,1)
Operating temperature [°C]:	+5°C to +45°C
Filter capacity [m ³ at +20°C] ¹⁾ :	1440 (at +20°C / approx. 42 h)
Dimensions W x D x H [mm]:	1540 x 820 x 1032
Weight [kg]:	405
Noise level [dB]:	82,7 (measured at 1 m) / 77 (measured at 3 m)

¹⁾ In accordance with EN 12021

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