

LW 570 E Compact



The LW 570 E Compact is ideal for dive centers, ships and boats with limited space.

This compressor with high capacity can be equipped individually and is also suitable for continuous operation.

Oversized industrial components ensure high reliability with low maintenance intervals and maintenance costs.

The 4-stage compressor block allows optional a maximum pressure of up to 420 bar.



LW 570 E Compact with options

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LW 570 E Compact



Specifications

- » Electro motor
- » Painted steel frame and fan belt guard (RAL 6026)
- » Hour counter
- » Start/ Stop and emergency stop switch
- » Manual condensate drain
- » 1 x Filling hose c/w filling valve
- » Motor protection switch
- » 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 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 an accordance to EN 12021

Options

- » Automatic condensate drain
- » Automatic stop at final pressure
- » Auto start system
- » 200 and 300 bar parallel filling pressures
- » Oil pressure gauge and intermediate pressure gauges
- » Oil pressure monitoring c/w auto shut down
- » 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
- » Additional high pressure outlet
- » Power cable and plug
- » Block heating device
- » 420 bar Version
- » 2.3 ltr. Filter housing
- » 0.8 ltr. Prefilter (Enlarged the lifetime of the filter by approx. 5 hours)
- » Special voltages / frequencies on request

Technical Data

LW 570 E Compact	
Type:	Air cooled piston compressor
Capacity [litre/min] / [Nm ³ /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] with 50 Hz / 60 Hz:	15.0 / 18.0
Cooling air req. [m ³ /h] with 50 Hz / 60 Hz:	4500 / 5400
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 [m ³ at +20°C] ¹⁾ :	900 m ³ (at +20°C / approx. 33 h)
Dimensions W x D x H [mm]:	1380 x 680 x 900
Weight [kg]:	305
Noise level (measured at 1 m) [dB]:	83

¹⁾ In accordance with EN 12021

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