

LW 280 ES



Excellent compressors with benchmark sound insulation and cooling. The unit has been specially developed for modern day conditions. A medium capacity compressor ideally suited for a wide range of applications. The sound insulated housing provides excellent noise suppression so the unit can stand in working or sales rooms or in buildings where noise is not tolerated. The control panel provides a convenient location for up to 6 filling hoses and an overview of the essential compressor controls. The compressor can stand in a corner for space economy, at least two sides must be free.

Specifications

- >> Ready to connect compressor, fully wired with pneumatic/electric compressor control with star/delta start cycle
- >> Operating panel with start/stop and condensation test controls, stop button, pressure gauge and hours counter
- >> Automatic condensation drain, pressure free start/stop, leak check function and safety valve check test modes
- >> Automatic shut down when final pressure is reached
- >> Emergency-Off switch, safety cut off if the front or rear panels are opened
- >> Sound insulated housing with sturdy steel frame, powder coated in RAL 6026
- >> All pistons with piston rings
- >> 3 coaxial suction/pressure valves
- >> Low pressure oil pump and filter
- >> Secondary fan for extra cooling
- >> Oil/water separators after each stage, safety valve for each stage
- >> Breathing air purification in accordance with EN 12021
- >> Pressure maintaining and non-return valve
- >> 2 self venting filling valves with filling hoses and connections, and/or HP outlet



Options

- >> 200/300 bar parallel filling pressures
- >> Motor protection switches
- >> Special voltages/frequencies:
440 V 60 Hz / 230V 50Hz / 230V 60Hz
- >> ECC Controls
- >> Oil pressure monitoring with auto shut down
- >> Cylinder temperature with auto shut down
- >> Auto start
- >> Oil temperature with auto shut down
- >> Inter stage pressure gauges
- >> Puracon Filter monitoring

Technical Data

LW 280 ES	
Type:	Air cooled, reciprocating piston compressor
Capacity [litre/min] / [Nm ³ /h] / [cfm]:	280 / 16.8 / 9.9
Max. Pressure [bar]:	350 (set at the final stage safety valve)
RPM:	1300
No of cylinders / No of stages:	3 / 3
Bore 1st stage [mm]:	95
Bore 2nd stage [mm]:	40
Bore 3rd stage [mm]:	18
Stroke [mm]:	44
Prime mover type:	3 Phase E-motor 400V / 50Hz
Drive power [kW] / [HP]:	7.5 / 10.0
Cooling air requirement [Nm ³ /h]:	2250
Lubrication type:	Oil pump
Oil capacity [litre]:	1.8
Oil pressure [bar]:	1.8 (+/- 0.3)
Air outlet temperature [°C]:	6°C above ambient
Filter capacity [m ³ at +20°C] ¹⁾ :	900
Dimensions L x W x H [cm]:	76 x 103 x 163
Weight [kg]:	330
Noise level [dB]:	62 (measured at 1 m distance)

¹⁾ In accordance with EN 12021

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