

L&W

Breathing Air Compressors



LW 280 E with optional ECC control

The popular 7.5 kW driven **LW 280 E** is also available as the **LW 230 E** with 5.5 kW drive with reduced compressor speed, for extreme applications.



LW 280 E/Rear view

LW 280 E LW 230 E

„Stationary, medium capacity compressor“

A slow turning compressor for medium sized applications. Pneumatic/electric compressor control with final pressure cut off and automatic condensation drain ensure easy and trouble free operation. The 3 stage, 3 cylinder block ensures low maintenance with minimal wear and tear. The components are over sized, industrial quality for ultimate reliability.

The compressor is fitted as standard with 4 filling hoses and filling valves to make a complete, compact unit.

Features:

- ◊ Ready to connect compressor, fully wired with pneumatic/electric compressor control with start delta start cycle
- ◊ Operating panel with start/stop and condensation test controls, stop button with leak check function, pressure gauge and hours center
- ◊ Automatic condensation drain, pressure free start/stop
- ◊ Automatic shut down when final pressure is reached
- ◊ Safety cut off if the cover is opened
- ◊ Sturdy steel frame, powder coated in RAL 6026
- ◊ All pistons with piston rings
- ◊ 3 coaxial suction/pressure valves
- ◊ Low pressure oil pump and filter
- ◊ Oil/water separators after each stage, safety valve for each stage
- ◊ Breathing air purification in accordance with EN 12021, filter capacity 900 m³ at 20 °C (approx. 54 hrs. for **LW 280 E**)
- ◊ Pressure maintaining and non-return valve
- ◊ 4 Filling hoses and filling valves and/or HP outlet



Technical Data

LW 280 E **Type:** 3 cylinder, 3 stage, air cooled, oil lubricated compressor
Delivery rate: 280 Liter/min. (16.8 m³/hr.) 9.9 cfm
Prime mover: 7.5 kW Electric Motor 400V / 3 Phase / 50 Hertz ¹⁾
Operating temperature: +5 °C - +50 °C
Operating pressure: Max. 350 bar
Cooling air requirement: 2,250 m³/hr.
Oil capacity/pressure: 2.2 Liter / 1.8 bar (+/- 0.3 bar)
Compressor speed: 1300 RPM
Dimensions: 1006 x 600 x 980 (L x W x H/mm)
Weight: 220 kg
Noise level: 83 dB(A) 1m distance

LW 230 E **Type:** 3 cylinder, 3 stage, air cooled, oil lubricated compressor
Delivery rate: 230 Liter/min. (13.8 m³/hr.) 8.1 cfm
Prime mover: 5.5 kW Electric Motor 400V / 3 Phase / 50 Hertz ¹⁾
Operating temperature: +5 °C - +50 °C
Operating pressure: Max. 350 bar
Cooling air requirement: 1,650 m³/hr.
Oil capacity/pressure: 2.2 Liter / 1.8 bar (+/- 0.3 bar)
Compressor speed: 1080 RPM
Dimensions: 1006 x 600 x 980 (L x W x H/mm)
Weight: 220 kg
Noise level: 82 dB(A) 1m distance

¹⁾ other specs available