

MSA 320 EFI Low Noise

Excellent Stationary compressors with benchmark sound insulation and cooling. The unit has been specially developed for modern day demands. 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
- Electrical Motor 400 V 3-Phase 50 Hz
- Operating panel with start/stop and condensation test control, 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
- Motor protection switches
- Emergency stop switch, safety cut off if the front or rear panels are opened
- Sound insulated housing with sturdy steel frame, powder coated in RAL 6060
- Oil/water separators after each stage, safety valve for each stage
- 2 self venting filling valves with filling hoses and connections
- All pistons with steel piston rings
- 3 cylinder, 3 stage compressor block
- 3 concentric suction/pressure valves
- Low pressure oil pump and filter
- Secondary fan for extra cooling
- Pressure maintaining and non-return valve
- Breathing air purification in accordance with EN 12021

Options

- 200/300 bar parallel filling pressures (MSA 320 EFI-2 LN)
- Special voltages / frequencies on request
- Oil pressure monitoring with auto shut down
- Auto start
- Oil pressure gauge
- Cylinder temperature with auto shut down
- Oil temperature display with auto shut down
- Inter stage pressure gauges
- Puracon filter monitoring
- HP outlet instead of filling hoses (MSA 320 EF LN)
- Up to 6 filling hoses
- ECC controls



Technical Data

Type:	Air cooled, reciprocating piston comp.
Capacity [litre/min] / [Nm ³ /h] / [cfm]:	320 / 19,2 / 11.3
Max. Pressure [bar]:	350 (set at the final stage safety valve)
Operating temperature	+5 °C - +45°C
RPM [1/min]:	1.450
No of cylinders / No of stages:	3 / 3
Prime mover type:	3 Phase Electrical Motor 400 V / 50 Hz ¹⁾
Drive power [kW] / [HP]:	7,5 / 10,0
Cooling air requirement [Nm ³ /h]:	2.250
Lubrication type:	Oil pump + Splash oil
Oil capacity [litre]:	1,8
Oil pressure [bar]:	3,0 (+/- 0,5)
Filter capacity [m ³ at +20°C] ¹⁾ :	900 (at +20°C – approx. 46 h)
Dimensions L x W x H [cm]:	76 x 103 x 163
Weight [kg]:	330
Noise level [dB]:	61 dB[A] (measured at 1 m)

¹⁾ Special voltages/frequencies available on request ²⁾ In accordance to EN 12021