

## Notus N10-EM Open Refilling Compressor

High-pressure piston compressor for breathing air, air cooled, 3 staged, oil lubricated, manufactured by PARAMINA, model **N10-EM Open 3,7kW/220V/50Hz (optional 230V/60Hz)**, with CE certificate.



Model	: Notus N10-EM OPEN
Air Delivery FAD	: 170 lit/min – 10 m <sup>3</sup> /h ± 5%
Max Working Pressure	: 350 bar
Working Pressure	: 300 bar
Stages	: 3
Cylinders	: 3
Cylinder Arrangement	: W
1 <sup>st</sup> stage cylinders diameter	: 65mm

2 <sup>nd</sup> stage cylinder diameter	: 36mm
3 <sup>rd</sup> stage cylinder diameter	: 14mm
Piston Stroke	: 48mm
Speed Rotation	: 1450 rpm
1 <sup>st</sup> Stage Pressure	: 3,2 – 3,6 bar
2 <sup>nd</sup> Stage Pressure	: 26 - 30 bar
Transmission	: V Belt

Engine	: 3,7kW –220V/50Hz (optional 230V/60Hz) - (Class F, IP 55)
Oil Capacity	: 1,2 lit synthetic compressor oil
Air outlet temperature	: 5 - 8 °C above ambient temperature
Max. permissible ambient temperature	: +5 <sup>0</sup> to +45 <sup>0</sup> C
Cooling air flow min required approximately	: 1.200m <sup>3</sup> /hr
Max. inclination of compressor	: 15 <sup>0</sup>
Dimensions (L-W-H)	: 90X46X57 cm
Weight	: 95 Kg
Filling Time of 1 Cyl.10ltr @ 300bar	: 17,6 λεπτά ±5%

**Standard Equipment:**

- Micronic Air Inlet Filter.
- Condensate Separator after 2<sup>nd</sup> Stage.
- Large Stainless Steel Intercoolers & aftercooler at all stages.
- Large fan 430 mm for optimum cooling of cylinders, intercoolers & after cooler, making the compressor capable for continuous operation.
- **Combined BA Filter Ø80X535** including Coalescing Pre-filter (0,5mg/m<sup>3</sup> oil residual) and 2x (Active Carbon / Molecular Sieve cartridge) Ø42X180 cartridges, with the supply of absolutely clean air exceeding by far the requirements of EN 12021:2014.
- **Pressure maintaining valve & non-return valve allowing for safe, efficient & extended filtration.**
- Direct On Line starting system (DOL)
- Start/Stop switch.
- Motor thermal overload protection.
- Manual Condensate Drains
- **One (1) Filling hose** – 1,2m length, complete with DIN & International filling connector.
- Safety Valves in all stages.
- Final stage glycerin manometer 400 bar.
- Built-In Vibration Pads.
- Automatic belt tensioning system.
- Hourmeter.
- Handles for easy lifting

**Note: Fuse box and plug supplied by customer.**

**Approximately Package Dimensions & Weight = 119x68x78cm, 130Kg**



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