

Datasheet



Compressor HL2/90A – 30 barg – 1450 rpm

Charging capacity at 1450 RPM	35 m ³ /h
Power requirements 1450 RPM	8.2 kW
Heat dissipation 1450 RPM	6346 kCal/h
Weight complete (standard motor)	326 kg
Dimensions	1200 x 650 x 780 mm (L x W x H)
Oil volume	4 litres
Lubrication system	Splash
Oil type	Fully synthetic, ISO 68 or 100, Reciprocating piston compressors
All compressors tested and delivered with	Mobil Rarus 827



Design

No. of cylinders / Cylinder arrangement	2 / 90°V
No. of compression stages	2
Cooling	Air cooled
Valve LP / Valve HP	1 Plate valve /1 Reed valve

Operation parameters

Delivery pressure	30 bar
Safety valve LP/ HP	9 barg/ 31.5 barg
Max. ambient temp. compressor	55°C
Max. ambient temp. controller	55°C
Max. ambient temp. electric motor	45°C (above on request)
Normal working pressure LP	2-4 bar
Normal temperature outlet air	Approx. 15-30 °C above ambient
Safety valves set point, H.P.	5% above stage pressure
Transmitter temp outlet	Alarm 85°C, shutdown 90°C
Maximum speed	1800 RPM
Rotation	Counter-clockwise (looking at the drive end)
Max noise levels	84 dBA
Max vibration levels	40 mm/s-RMS

Mechanical components

Non return valve air outlet	Integrated
Oil & water separator HP	Integrated
Safety valve LP / HP	Integrated
Oil level sight glass	Integrated
Air suction filter	Integrated
Inter- and after-cooler	Integrated
Oil level switch	Integrated
Temperature transmitter	Integrated
Vibration isolators, 3 pc.	Loose
Flexible tube, Air outlet	Loose
Flexible tube, Drain /unloading	Loose
When compressor mounted on air receiver	
Vibration isolators, 4 pc.	Integrated