

DATA SHEET

Compact 100

High Pressure Breathing Air Compressor:

One model Compact 100, four stage, air-cooled compressor, rated to deliver 3.5 cfm (6.0 m³/h) when operating to a working pressure of 3000 psig, (207 Bar). Max pressure 345 bar, Note the charging rate is calculated by re filling a BA cylinder from 0 – 200 Bar.

Drive:

The compressor is fitted with a vee grooved pulley and is driven through vee belt drive by a three phase electric motor, (415 volt, 3 ph, 50 hz). The compressor and motor are mounted on a horizontal base / frame.

Lubrication:

Compressor is lubricated through an oil splash.

Cooling:

The compressor will be arranged for air cooling.

Operation:

Control of the unit will be manual. On initial start the compressor runs and raises the pressure in the system to a pre determined pressure. On reaching pressure the compressor relief valve lifts and the compressor should be stopped.

Unloading:

The compressor is unloaded / loaded manually through manual drain taps, fitted to the filter tower.

Instrumentation:

This comprises a delivery gauge mounted within the charging hose.

Filtration:

For filtration of delivered air, removing gross oil and moisture we will provide one off filter pack comprising, one mechanical separator and a separate filter assembly, comprising a replaceable desiccant absorber type cartridge. The system would include safety valve and manual drain valves.

The filter assembly would be mounted on the base plate.

Charging Hose:

Fitted to the compressor is a single charging hose complete with a suitable charging connector.



MODEL: Compact 100

MOTOR: Electric (three phase)

DELIVERY: 3.5 cfm(6m³)

RPM: 2200

HP: 2.2

kW: 3

DIMENSIONS: w = 59cm l = 40 h = 42cm

WEIGHT: 40Kg

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