

DATA SHEET



MODEL: Atlantic 100

MOTOR: Electric (three phase)

DELIVERY: 3.5 cfm(6m³)

POWER: 400 volt, 50hz, 3kw - direct on line starter, typically around 6 amps full load current

RPM: 2200

HP: 2.2

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

WEIGHT: 40Kg

Atlantic 100

High Pressure Air Compressor:

One model Atlantic 100, four stage, air-cooled compressor, rated to deliver 3.5 cfm (100 ltrs / min) when operating to a working pressure of 4785 psig, (330 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. The compressor and motor are mounted on a horizontal base plate.

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 plant will unloaded / load manually through inter stage unloader valves

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 filter and a separate filter assembly, comprising a replaceable desiccant absorber type cartridge. The system would include safety valve and manual drain valves and pressure maintaining valve to ensure the system operates at its optimum pressure

The filter assembly would be mounted on the front of the set.

Charging Hose:

Fitted to the set is one high pressure charging hose.

www.sabreh2s.com