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Customer: Bristol University SAC
Central Compressors Ref: C2574B
Date: 10th May 2013

Subject: Typhoon Open 18E BA Compressor



Model	Charging Rate	Max WP	Charging Time Minutes		
			Number of Cylinders		
			Two	Four	Eight
Typhoon18	300 L/Min	350 Bar	16.2	32.3	64.6

Compressor

A three-stage air-cooled unit, fitted with large stainless steel intercoolers, complete with moisture traps (after the 2nd stage), pressure relief valves and integrated stainless steel after cooler. Lubrication is by

controlled splash and no oil vapour can escape to atmosphere. The compressor has a low running speed of 1300 rpm.

Drive

A 7.5 kW motor 400V/3ph/50Hz is the prime mover for the set, complete with set mounted starter panel c/w hours run counter

Semi Automatic Control

This comprises of a starter/control system mounted in the charging set. When the start button is pressed, the compressor starts and raises the pressure in the system. Upon reaching full pressure, the compressor will run offload for one minute to cool the system before shutting down and automatically dumping any accumulation of condensate from the moisture separators into a container.

Instrumentation

Inter stage and final delivery pressure gauges are mounted on the front fascia of the charging set.

Condensate Collection System

The Condensate Collection System consists of automatic unloaders connected to a centrifugal separator (to separate the condensate from the air under pressure) and a coalescer/silencer to trap condensate mist and expel the air safely and quietly. Collected liquids are fed to an integral condensate vessel, mounted on the set.

Assembly

Compressor and motor are mounted on a common frame. All moving parts are fully protected and guarded.

Filtration System

The BA Filter - including Coalescing Prefilter (0,5 mg/m³ oil residual) and Active Carbon/Molecular Sieve cartridge, with the supply of clean air exceeds the requirements of the EN12021 directive, for breathing air quality.

Cylinder Charging

Fitted to the set is two high pressure charging hoses, each complete with cylinder connector and vent valve.

Customer to Supply:-

- ◆ Supply an electrical isolator suitably rated for an 7.5 KW, three phase motor operating through a DOL control, typically rated at 32 amps, with either conventional HRC "motor rated" fuse or type D MCB protection.

COMMERCIAL PROPOSAL

Price: Typhoon Open 18E £ 5,299.00

Payment Terms: Nett 30 days from invoice date

VAT: Additional

Prices: Nett, ex-works

Carriage: Excluded

Delivery: 4 to 5 working weeks from receipt of order.

Validity: 30 days

Warranty Period: A two year warranty is included – this is subject to the correct maintenance being undertaken.