

Portable Compressor for Well Head

Process and Compression, Systems Division



Description Skind Compression

The equipment consists of a reinforced structural steel Trailer dual axis (4 wheels), which is mounted the suction scrubber is connected to the compressor and this is coupled to the gas engine using a direct drive flexible.

As the compressor is integral, the oil-gas separator is part of the same block and oil coalescing cartridges end up separating the dry gas. Through an oil filter, lubricant return to the compressor, all this is within the same frame of the compressor.

The main board is mounted on the skid, controls the operation and protection for the equipment.

The skid will have a system of manual valves in the suction, discharge and a pressure regulating valve in the suction. The compressor has the lubrication and cooling system independent. It will provide an aero-cooler for the gas discharge and compressor oil.

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Natural Gas Sg: 0.8 - 1,4

COMPRESSOR



ROTORCOMP DE

BAUHER-KOMPRESSOREN

- Model NK200.
- Integral twin screw compressor oil and natural gas injected.
- Integral twin-screw compressor, oil injected for natural gas injected.
- Coalescing Cartridge.
- Oil filter.
- Thermostatic regulator.
- Minimum pressure valve.
- Made in Germany.

ENGINE



Natural Gas Engine DEUTZ ,

Made in USA Model TCG 914L06

- Power: 120 BHP @ 2000 RPM.
- Six-cylinder in line.
- Carter High capacity oil.
- Oil tank with daily capacity of 10 gallons and automatic grader.
- Carburetor with secondary pressure regulator solenoid y-cut fuel.
- Electronic Governor.
- Air filter of replaceable element with restriction indicator.
- Motor Electric Starter and Alternator (12 VDC).
- Silenciador with Flame Arrester.
- Gas fuel filter.

ELECTRICAL AREA

Clasificación: Clase I División II, grupo D,

Skid mounted with drive Murphy

Suction Conditions

Suction Pressure -5 a 20 PSIG (then governor)

Suction Temperature Máximum 150 °F

Discharge Pressure Máximum 200 PSIG

Flow Rate From 300 to 900 MSCFD

Maximum Power 120 HP