CG20 One Stage Sweet Compressor Specifications

Compressor
- Type Two Cylinder (single stage) Vertical Recip
- Model Quincy QRNG 270

Driver
- Electric Motor
- Power 20HP @ 1750 rpm
- Type TEFC

Drive System
- Type V Belt

Cooling System
- Type Aftercooler

Capacity Control
- Inlet Valve
- Pulley Sizing
- Low Pressure Recycle

Controls and Instrumentation
- Start/ Run Switch
- ESD
- Local Instrumentation

Shutdowns
- Low suction pressure
- High discharge pressure

Indicators
- Suction pressure
- Well pressure
- Compressor oil pressure
- High compressor discharge temperature
- Low compressor oil pressure
- Discharge pressure
- Compressor discharge temperature
- Hour meter

Inlet/Outlet
- Inlet flange 1” 150# RFF
- Outlet flange 1” 150# RFF
- Inlet valve 1” FP Ball Valve
- Discharge check 1” swing
- Low pressure inlet control Inlet Regulator
**Piping**
- Process piping: SA-106B threaded piping
- Other piping: SA-106B threaded piping
- Flare header: Header for PSV’s, and blow down
- All process valves accessible for easy adjustment, service and replacement

**Enclosure**
- Floor: Drip tray c/w drains
- Vents: Gravity-operated damper
- Heater: EXP electric heater

**Miscellaneous**
- All inspection and fill points accessible from outside
- Easy access to all service points
- All service points reachable at ground level

**Compliance**
- Class 1, Div 2, Group D
- CSA, Intertek or QPS approved

**Options**
- Inlet scrubber
  - Design code: ASME Sect VIII, Div I
  - Corrosion allowance: 1/8”
  - PSV: 50 psi
  - Sight glass: Glass 8” viewing length
  - CRN: AB, BC, SK
  - Inlet scrubber high level shutdown
- Annunciator
- Fire and gas detection
- Tear-away bug screens on cooling air inlets
- Inlet Scrubber Drain Pump
- Electric Heat Trace
- 25’ Hose Kit

### Compact Compression Inc. CG 20
**Quincy QRNG 270 1 Stage Sweet**

<table>
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<th>Suction</th>
<th>40</th>
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*Performance based on Sea Level, gas density .65, temp 68 °F
Pressures in PSI
Flow Rates in MSCFD