HD162-TU

HD Series
Liquid Transfer Unit
driven @ 360 RPM

Gas

Sulfur Dioxide (SO_2)
n = 1.29
MW = 64.1

Inlet

0 - 80 psig
(0 – 5.6 kg/cm^{2}g)
Ambient Temperature

Outlet

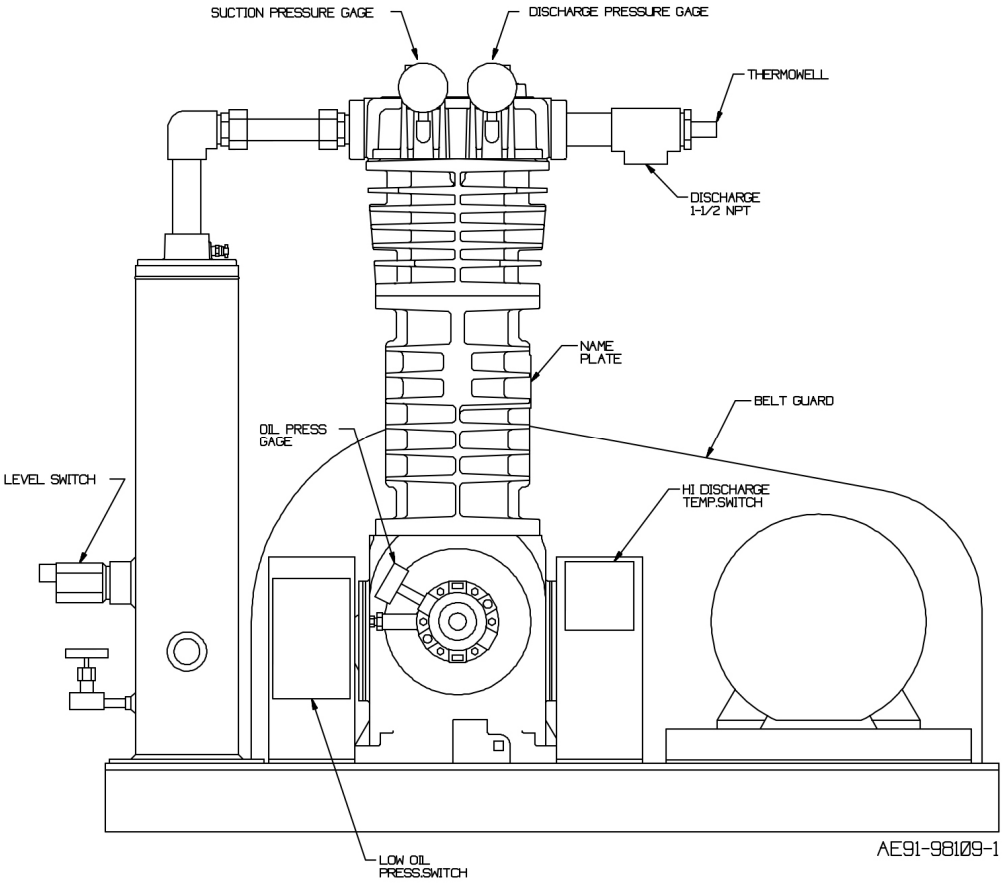
Suction pressure +40psi
(+2.8 kg/cm^2)

Compressor Construction

PTFE O-rings
Iron Gaskets
TNT-12 PTFE/Nickel Coating

Accessories

3 HP TEFC Motor
Liquid Trap with Float Switch
Suction Strainer
High Discharge Temperature Switch with Stainless Steel Thermowell
Low Oil Pressure switch
Pressure Gauges for suction and discharge gas pressures and crankcase oil pressure
Electrical devices are NEMA 4 or 7



Installation Example

Located in Colorado, this HD162 is designed to transfer about 24 gpm (91 lpm) of Liquid sulfur dioxide ($SO_{2)}$ when the temperature is at 60° F (15.5° C). As SO_2 can be corrosive, the head, cylinder, pistons, and valves were all TNT-12 PTFEn/nickel treated to provide a hard, corrosion resistant surface on most areas in contact with the gas. For more information about this process, see Bulletin CB-001.