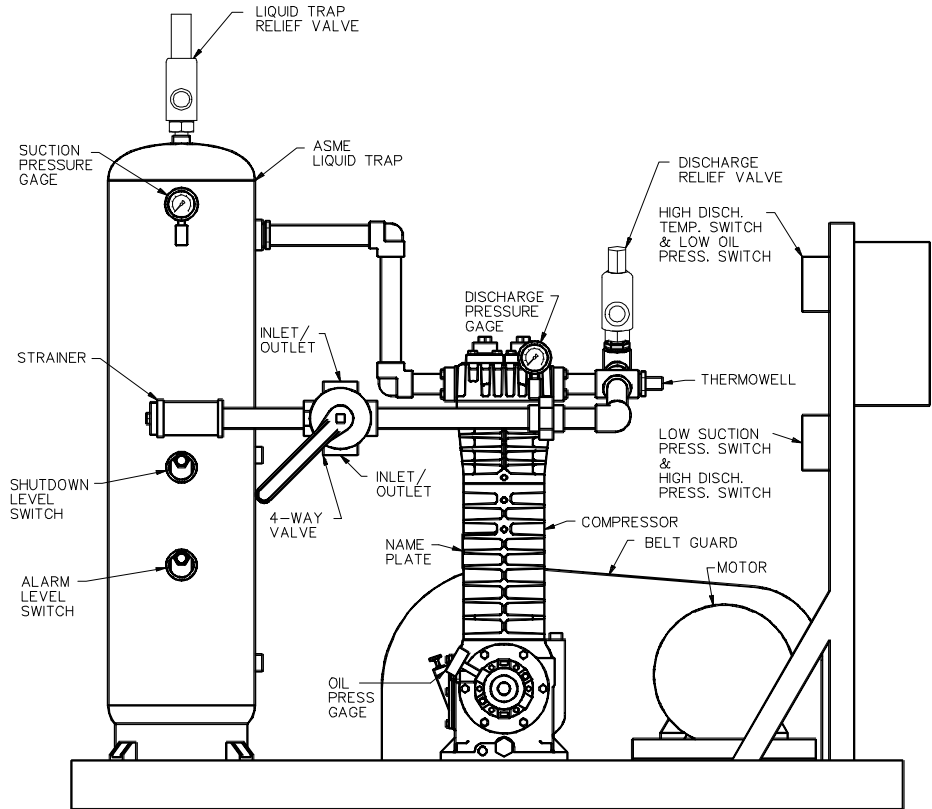


COMPRESSOR SOLUTIONS

HD362-LC
 Compressor for Anhydrous Ammonia driven @ 380 RPM



98117A

Gas:
 Anhydrous Ammonia
 $n = 1.31$
 MW = 17.03

Inlet:
 39 - 247 psia
 (2.74 - 17.4 kg/cm² a)
 10 - 110°F (-12 - 43°C)

Outlet:
 49 - 265 psia
 (3.44 - 18.6 kg/cm² a)

COMPRESSOR CONSTRUCTION

TNT-12 PTFE/Nickel
 Treated Valves & Cylinder

Buna-N
 O-rings

Ductile Iron
 Head and Cylinder

ACCESSORIES

ASME Code Liquid Trap
 Two Liquid Level Switches
 Temperature Switch, N7

10 HP TEFC Motor
 TNT-12 Suction Strainer
 Pressure Switches, N7

SS 4-Way Valve
 Stainless Steel Piping
 Junction Box, N7

This HD362 is being used in West Virginia to transfer Anhydrous Ammonia from storage tanks to transports at about 85 gpm (300 lpm). This model features two seals on each piston rod separated by a distance piece to minimize leakage and product contamination. The liquid trap has two float switches to provide an alarm or shutdown signal if too much liquid accumulates in the trap. The compressor and strainer are TNT-12 treated for corrosion resistance and the piping and 4-way valve are stainless steel per the customer's specification.