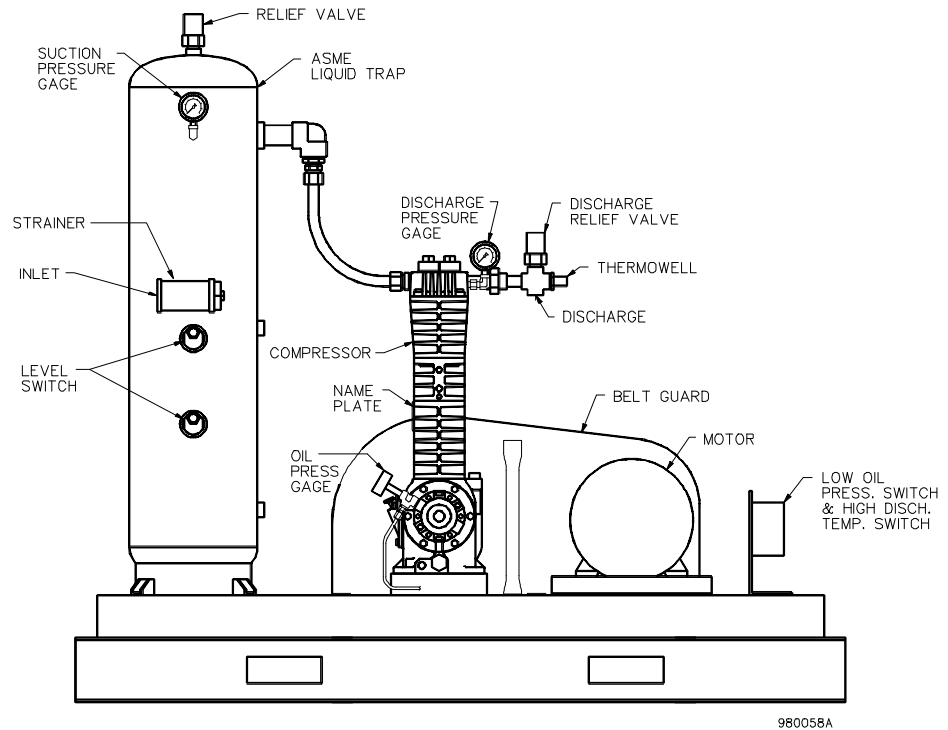


COMPRESSOR SOLUTIONS

HD162-TC
 Compressor for
 Anhydrous Ammonia
 driven @ 720 RPM



Gas:
 Anhydrous Ammonia (NH₃)
 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 & Head

Buna-N
 O-rings

Ductile Iron
 Head and Cylinder

ACCESSORIES

ASME Code Liquid Trap
 Two Liquid Level Switches
 Epoxy Paint

7.5 HP EXP Motor
 Suction Strainer
 Relief Valves

Low Oil Pressure Switch
 Temperature Switch, N7
 Structural Steel Skid

This compressor is being used in Virginia to transfer Anhydrous Ammonia from rail cars to storage tanks at about 75 gpm (280 lpm). The HD162 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 a shutdown signal if too much liquid accumulates in the trap. The structural steel skid allows the compressor to be easily moved from site to site.