

HD363-B

HD Series
Compressor for Vinyl Chloride
Monomer driven @ 360 RPM

Gas

Vinyl Chloride Monomer (VCM)
 $n = 1.18$
 $MW = 62.5$

Inlet

71 psia
 (5 kg/cm²a)
 104°F (40°C)

Outlet

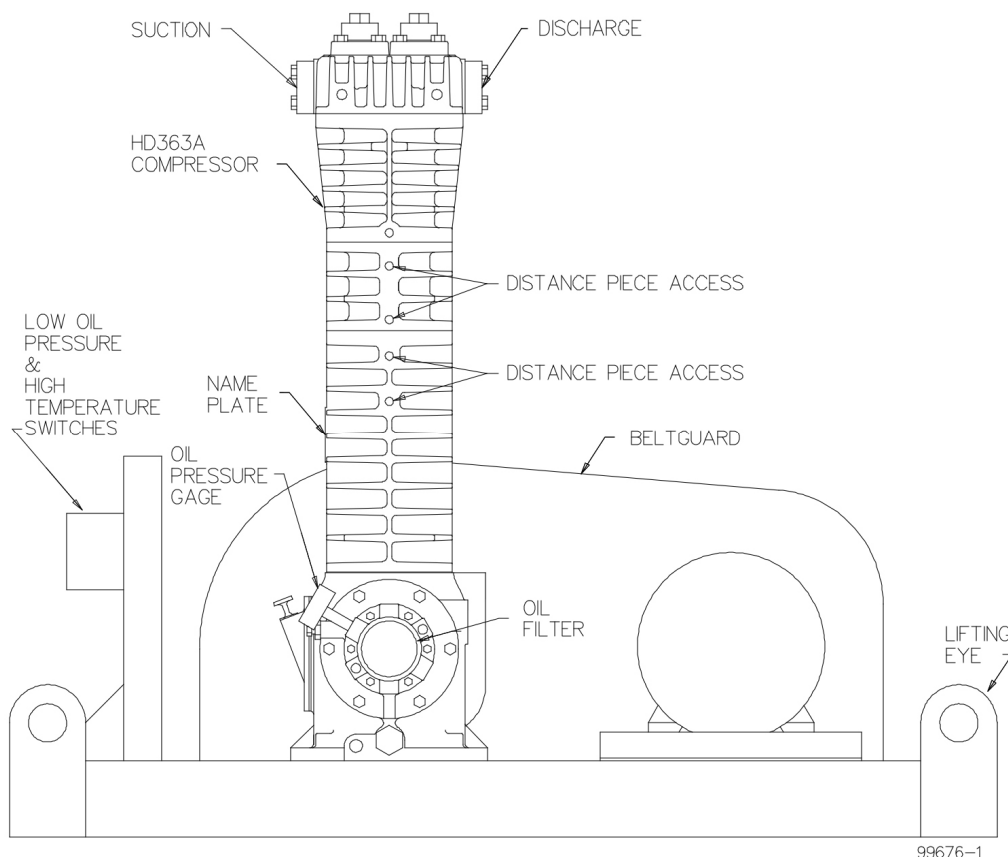
107 psia
 (7.5 kg/cm²a)

Compressor Construction

TNT-12 PTFE/Nickel Treated
 Valves, Cylinder & Head
 PTFE O-Rings
 Ductile Iron Head and Cylinder

Accessories

External Oil Filter
 5 HP TEFC Motor
 Low Oil Pressure Switch
 Grounding Lug
 Skid Lift Eyes
 Temperature Switch, N7



Installation Example

This HD gas compressor based in Colombia recovers vinyl chloride monomer (VCM) from a process in a chemical plant. Leakage control of VCM is very important, so a triple-seal HD363 was chosen to minimize leakage and product contamination. The triple-seal construction provides two distance pieces separating the cylinder from the crankcase. Each distance piece can be pressurized with an inert gas or vented as needed. A United States firm did the engineering and purchasing for the end user in Columbia.