

COMPRESSOR SOLUTIONS

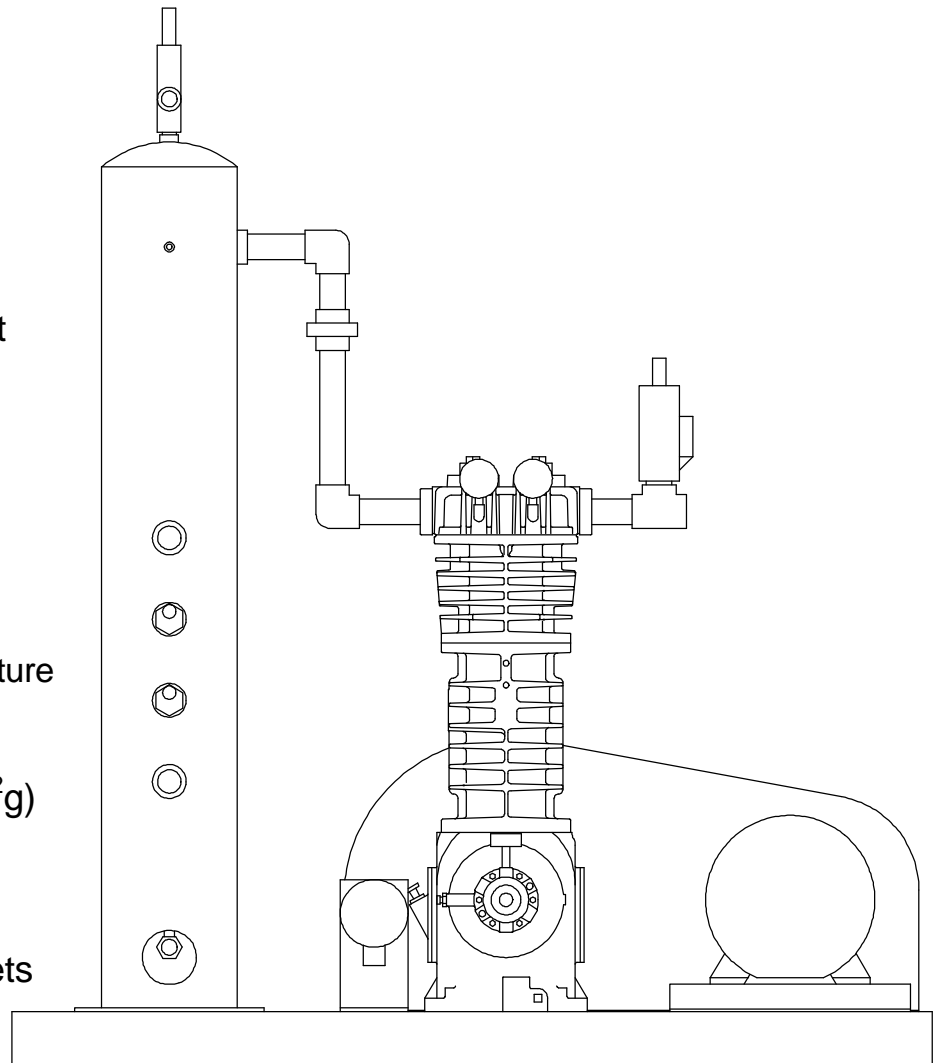
LB601-TC Transfer Unit
driven @ 675 RPM

Gas: Butane
 $n=1.09$ MW=58

Inlet: 0 - 40 psig
(0 - 2.8 kg/cm²g)
Ambient Temperature

Outlet: 10 - 70 psig
(0.7-4.9 kg/cm²g)

Compressor Trim:
Buna-N O-rings
Aluminum Gaskets



AE90-98874-1 A

Accessories:

15 HP Motor, Low Oil Pressure switch, ASME code stamped Liquid trap with two NEMA 7 Stainless Steel float switches, ASME code relief valves on both the trap and compressor discharge, manual trap drain, pressure gauges for both suction and discharge gas pressures and crankcase oil pressure gauge. All electrical devices are explosion proof.

This LB601 is being used to transfer Butane from rail tank car to storage at a gas plant in Granger, Wy. The transfer rate will be about 150 gpm (34 m³/hr) when the product is at 60°F. A fairly long inlet line to the compressor prompted the use of the oversized ASME trap to help prevent the possibility of condensed liquid in the suction line from entering the compressor. The two liquid level switches provide both alarm and shutdown functions in the event of excess liquid in the trap.