

LB601-TC

LB Series

Transfer Unit

driven @ 675 RPM

Gas

Butane
n=1.09
MW=58

Inlet

0 - 040 psig
(0 - 2.8 kg/cm²g)
Ambient Temperature

Outlet

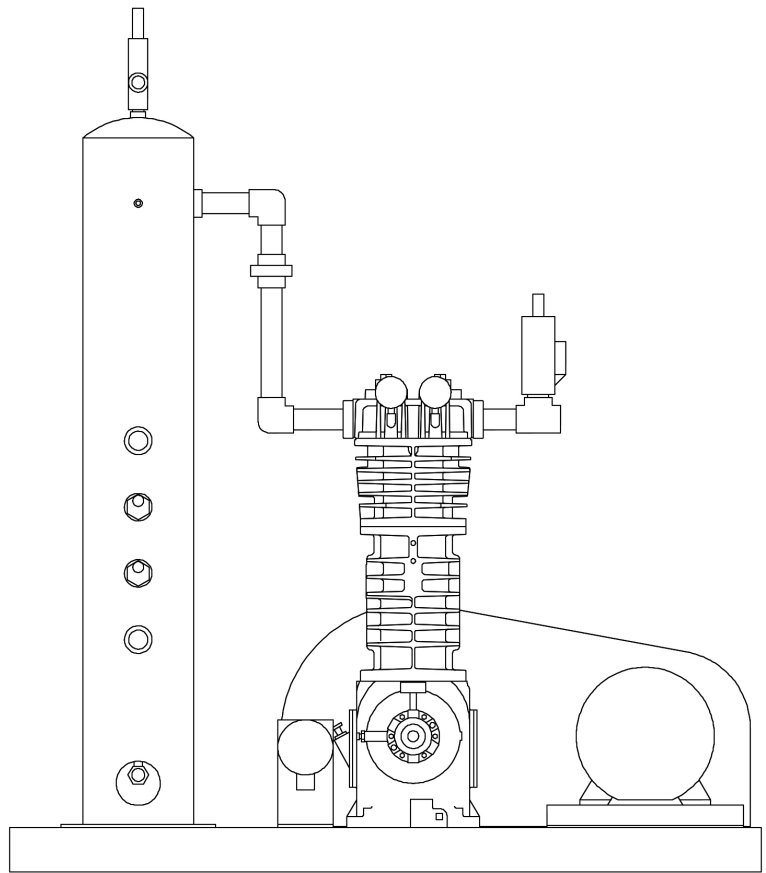
10 - 70 psig
(0.7 - 4.9 kg/cm²g)

Compressor Construction

Buna-N O-rings
Aluminum Gaskets

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.



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Installation Example

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.