

NG362-TCZ

NG Series
Natural Gas Compressor
driven @ 690 RPM

Gas

Natural Gas
 $n = 1.27$
MW = 18.8

Inlet

14.7 - 65 psia
(1.03 - 4.57 kg/cm²)
70°F (21°C)

Outlet

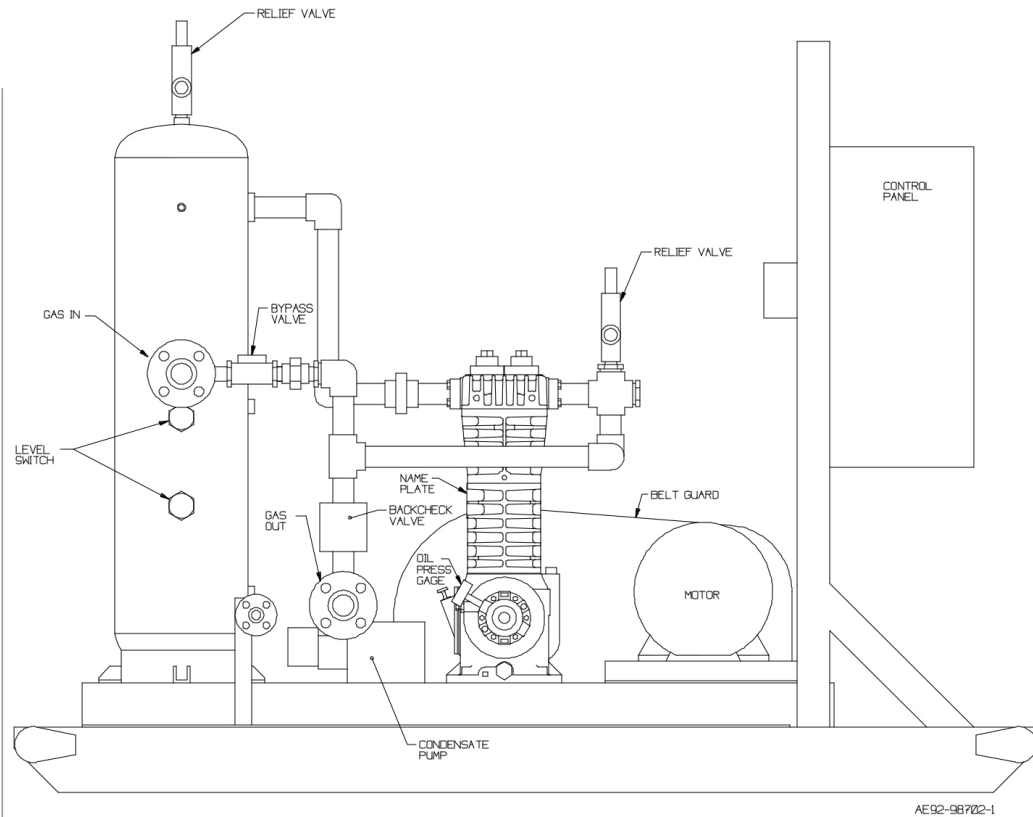
50- 215 psia
(3.5 - 15.1 kg/cm²)

Compressor Construction

PEEK Valve Plates
Buna-N O-rings
Ductile Iron

Accessories

ASME Code Liquid Trap
15 HP, EXP Motor
NEMA 7 Control Panel
Two Float Switches
Three Pressure Switches
Bypass Valve
Three Pressure Gauges
Temperature Switch
Bypass Solenoid Valve
Trap Condensate Pump
Gas Check Valve
Condensate Check Valve
Two ASME Relief Valves
ANSI Flanged Connections
Oilfield Type Skid



Installation Example

This NG362 is used in China for natural gas recovery from the wellhead. As the pressures will change from site to site, the suction and discharge pressure switches are field adjustable over a wide range. The unit will start compressing gas when the suction pressure rises above the switch setting. When the suction pressure falls to the low suction pressure setting, the bypass valve opens, allowing the compressor to idle until the suction pressure rises again. If the bypass operation continues for an extended time, the compressor motor is stopped until the suction pressure rises to the upper suction pressure limit again. The steel beam skid eliminates the need for a normal foundation and allows easy transport of the unit. All of the electrical devices are Explosion Proof NEMA 7 rated.