

HD602 & HDL372

HD Series

Recovery Compressors each
@ 570 RPM

Gas

Helium
 $n = 1.63$
MW = 4.0

Inlet

8 – 12 psia
(0.56 – 0.84 kg/cm²a)
Ambient Temperature

Outlet

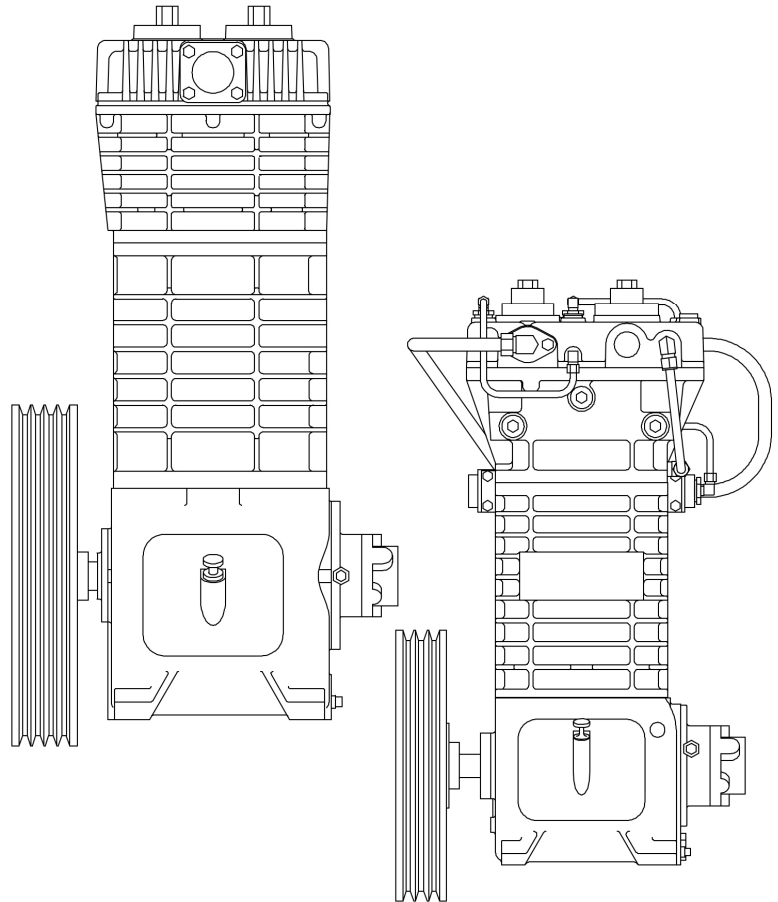
300 psia
(21.1 kg/cm²a)

Compressor Construction

Buna-N O-rings
Iron Gaskets
Poly Filled Piston Rings for Dry Gas Service
Standard Brass Intercooler (HDL372A)

Accessories

Suction Valve Unloaders (both units)
Packing installed for vacuum suction conditions (HD602)



Installation Example

These two HD Series gas compressors are to be operated in series to form a 3-stage system. The HD602 provides the first stage of compression to boost the helium to 30-40 psia (2.1 - 2.8 kg/cm²a). The HDL372 will then provide the second and third stage of compression. Suction valve unloaders are provided to control the capacity of the system. The water-cooled cylinder and head on the HDL372 help limit the high temperatures that result when compressing a high 'n' value gas like helium.