

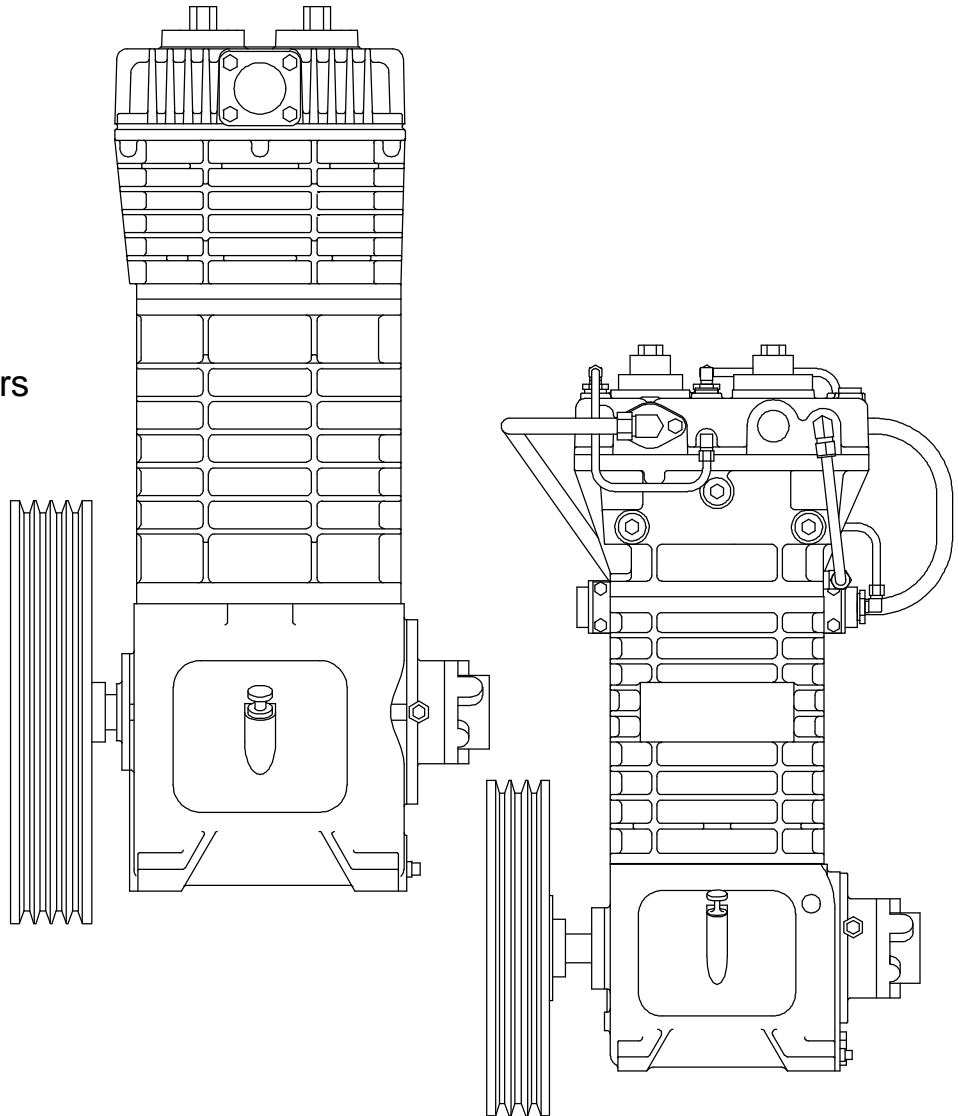
COMPRESSOR SOLUTIONS

HD602 & HDL372
Recovery Compressors
each at 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 Trim: 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).

These two units 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.