

DESIGN FEATURES OF LYNAIR AIR-OIL BOOSTERS.
OUTPUT PRESSURES OVER 4500 PSI

FINISH
All LYNAIR cylinders are finish painted prior to shipment. This finish provides adequate surface protection by itself, and also forms an effective base if additional painting is desired.

250 PSI OPERATING PRESSURE
Lynair Air-Oil Boosters are rated for 250 PSI maximum operating pressure.

TIE ROD CONSTRUCTION
Tie rods eliminate axial tension loads on cylinder tubing and are preferred for severe shock loads.

CYLINDER HEADS
Machined from precision square steel

PORTS
Ports are large to give maximum speed and power.

CHROME PLATED PISTON ROD
All piston rods are of high tensile turned, ground and polished shafting, hard chrome plated .001 on diameter.

CHROME PLATED HONED SEAMLESS STEEL TUBING
Tubing is cold drawn for greater strength, honed to 15-20 rms. All shells are hard chrome plated to resist wear and rusting.

BRONZE ROD BEARING
Long, accurately machined bearing centers and gives maximum side support for piston rod.

RIGIDLY LOCKED PISTON
Piston is secured with self locking nut when sizes permit. Alternate fastening methods also provide positive locking measures.

TUBE END SEAL
'O'-ring provides positive seal.

PISTON PACKING
Low friction, self compensating cup type seals provide long, trouble free service.

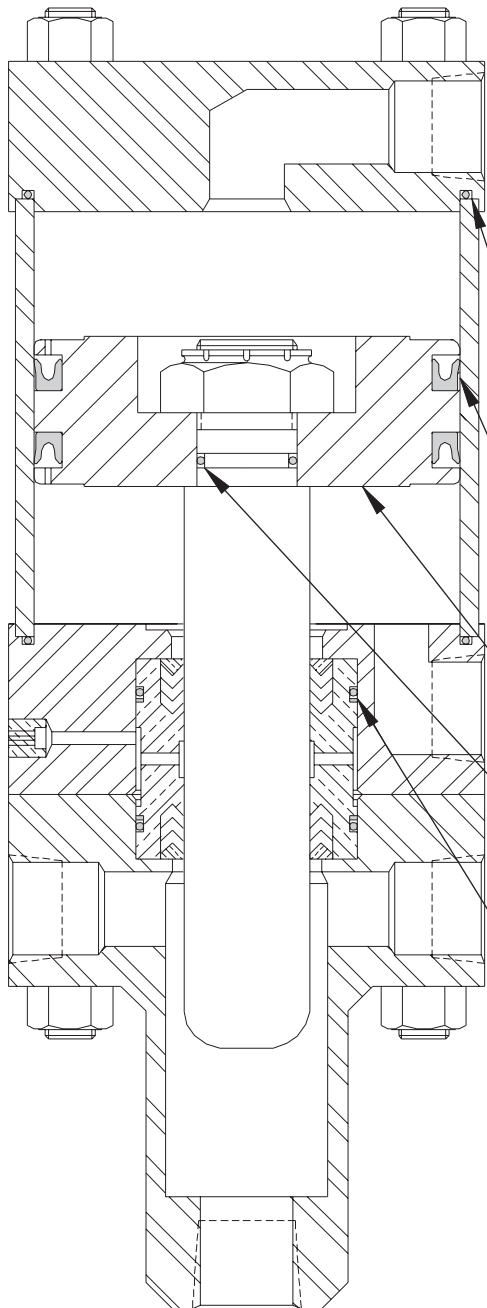
PISTON
One piece, high tensile cast iron piston provides maximum bearing surface.

PISTON "O"-RING
'O'-ring seals against piston and rod. This prevents bypass or creep.

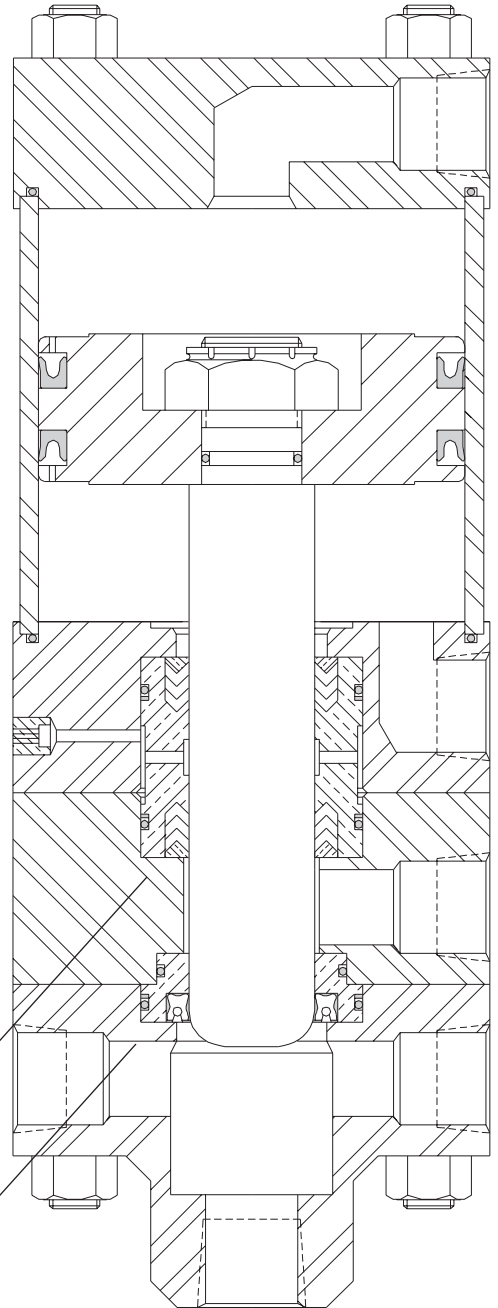
BUSHING "O"RING
'O'-ring with backup washer provides positive

ROD PACKING
Homogeneous Vee Ring packing is nonadjustable and provides long, trouble-free service.

ROD SEAL
High pressure rod seal of polyurethane material permits leakproof operation of power stroke.



SERIES "H-BA8"
SINGLE PRESSURE



SERIES "H-B4"
DUAL PRESSURE