



PISTON

the BA440

Hydraulic Drive Piston Air Compressor

OUR FLAGSHIP AIR COMPRESSOR JUST GOT BETTER!



FOR THE MECHANICS TRUCK AND TIRE SERVICE INDUSTRY!

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the BA440

Hydraulic Drive Piston Air Compressor

When performance and reliability matter, the BA440 is ideal for the Mechanics Truck and Tire Service Professionals! At the heart of the system is an aluminum, single stage, V4, pressure and splash lubricated reciprocating air compressor. Fully assembled in the U.S., the aluminum compressor assembly offers lighter weight and higher thermal efficiency than cast iron compressor assemblies. The BA440 includes an internal oil pump for increased lubrication over that of splash lubrication only compressors. And to make life easier for you, all routine maintenance is accessible without removal of the canopy!

And here is what's exciting about the BA 440!

Now with our new design, we are as flexible as your hydraulic requirements. From 8 GPM to 12 GPM we can offer you a variety of outputs to fit your demands! The new updated BA440 is now smaller, lighter and improved cooling efficiencies! Plus we changed the hydraulic port sizes for better flow! The supply line is SAE 10 and the return line is now SAE 16.

See the chart below for all the hydraulic pressure and flow requirements.

BENEFITS

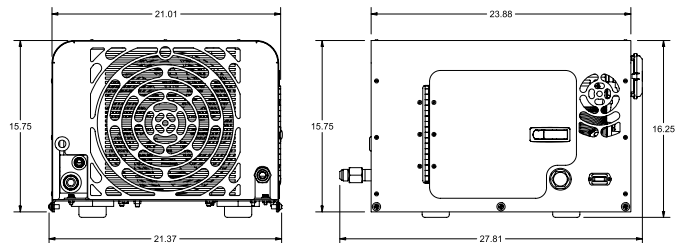
- Integrated compressor hydraulic cooler
- Low oil level and pressure shutdown
- Pressure lubricated oil pump and splash lubrication
- The piston assembly is direct coupled to a hydraulic gear motor resulting in a "No belt, No Couplings, No worries" air compressor.
- Open center valve block with hydraulic pressure relief
- Graphite and stainless steel precision valve assembly
- Auto start/stop based on system air pressure
- Lightweight rustproof aluminum canopy
- Aluminum piston assembly with cast iron cylinder sleeves for maximum thermal heat transfer
- 1/2 the weight of comparable cast iron piston assemblies
- Easy access, high efficiency 2-Stage Solberg® air filters
- Auto head unloader for smooth starting
- Balanced crankshaft

| CFM/PSI | INPUT RPM | GPM | HYD PSI |
|------------------|-----------|-----|-------------------|
| 30/100 (150 max) | 1,150 | 8 | 2,100 (2,400 max) |
| 35/100 (150 max) | 1,400 | 10 | 2,100 (2,400 max) |
| 40/100 (150 max) | 1,650 | 12 | 2,100 (2,400 max) |

COMPRESSOR at 40CFM@100PSIG

| | |
|----------------------------|--|
| Type | Single-stage, 4-cylinder piston |
| Delivery | up to 40cfm @ 100psig (150psig max.) @ 1,650rpm |
| Duty Cycle | Intermittent |
| Power Source | Hydraulic motor |
| Bore | 2 5/8" |
| Stroke | 2 5/8" |
| Displacement | 54.25cfm* |
| Cooling | Air |
| Fan Diameter | 14 1/8" |
| Hydraulic Flow @ 1,650 RPM | 12gpm |
| Hydraulic Pressure | 2,100psig (2,400psig max.) |
| Ambient Air Temperature | -20° to 100° F |
| Max Operating Slope | 20° |
| Hydraulic System | Open center |
| Reservoir requirement | 12 gallon minimum |
| Lubrication | Pressure lube |
| Oil Capacity | 1 1/2 qts. |
| Electrical | 12vdc standard (24vdc optional) |
| Hydraulic System Cooler | Included as standard. (compressor hydraulic cooling only) |
| Dimensions | 23.88 "L x 16.25"H x 21.01"W |
| Enclosure | Powder-coated aluminum |
| Weight | 163lbs. (Dry) |
| Warranty | 18 Months |
| Air Reservoir | 22 Gallon Minimum (Optional) |

*At 1,650rpm.



Note: Fresh air clearance minimum 10"

BOSS BA440 Dimensions

DISTRIBUTED BY:



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Specifications subject to change without notice.

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