Experience Counts…

For generations, The Bendix name has meant quality, durability, and reliability. Today, the family of BA-922 Compressors reinforces that tradition.

The new SAE version can be installed in a variety of applications and configurations, and allows Bendix to provide many more solutions to compressed air limitations.

- Ideal for niche industrial, agricultural, and petroleum applications;
- Adapter mount to meet SAE J744 Hydraulic Pump, Engine & Motor Mounting, and Drive Dimensions standards;
- Can be mounted at several different angles depending on physical constraints and application necessities;
- Driven by an engine PTO, hydraulic motor, or electric motor. Option for Belt Drive as well.
Side & rear view of installation on typical Perkins 6.6 liter Engine.
BA-922 SAE-BB Air Compressor - Design Details

Air Compressor General:
Water-cooled cylinder head air compressor;
Seals - O-Rings internal, Gaskets external;
Bearings - front ball and rear sleeve;
Forged crankshaft;
Oil Path from rear flange thru compressor, drain over
ball bearing, and out bottom of compressor.

Air Compressor Top:
English or Metric Cylinder Head available;
Orient Governor towards Rear of compressor.

Air Compressor Bottom:
Bottom Cover - twin plates;
Bottom Cover has ferrule oil drain to drain towards back;
Accommodate base mounting - Retain ability to have
overhung load adapter (OHLA).

Air Compressor Front:
SAE J744 mounting;
SAE B-B male or female;
Spline 15-tooth;
Adapter offers multiple clocking positions (+/- 30° & 90°
off vertical) to allow additional orientation options.

Air Compressor Rear:
Thru drive available, or if thru-drive not used, compressor
to be “capped”;
SAE A with 9-tooth spline (11-tooth spline feasible);
Must utilize rear support.

15-tooth spline stub shaft inserted into crankshaft

SAE-BB flange w/ male pilot

SAE-BB flange w/ female pilot

Stub shaft removed to accept spline on motor

Rear View
Thru-drive is SAE-A with 9-tooth spline (11-tooth spline feasible) for thru-driving a pump.
Female Flange
Male Flange
Available in English or Metric threads for fitting installation...

...English Straight Thread O-Ring Ports (S.T.O.R.P.) shown.
BA-922 SAE-BB Air Compressor – Head Detail (Met)

Available in English or Metric threads for fitting installation...

...Metric Straight Thread O-Ring Ports (S.T.O.R.P.) shown.
BA-922 SAE-BB Air Compressor Customer.pdf

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