

HYDRAULIC-DRIVEN AIR COMPRESSOR



FINALLY, CTIS CAN RAPIDLY INFLATE TIRES AT ENGINE IDLE!!

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New Product Development Center (NPDC) 1800 West Taylor Street, Merrill, Wisconsin U.S.A. 54452,
TEL 715 536 8600, FAX: 715 536 8660, islandcityeng@msn.com

CAPABILITY+

FULL AIR COMPRESSOR OUTPUT AT ANY ENGINE SPEED

- RAPID AIR SYSTEM RECOVERY
- TAILOR AIR DELIVERY TO DEMAND

REMOTE OPERATION

- REMOTELY DRIVEN, COOLED AND LUBRICATED
- LOCATE COMPRESSOR IN NON-TRADITIONAL VEHICLE LOCATIONS
- REDUCE ENGINE SPACE CLAIM

DIRECT HYDRAULIC DRIVE

- COMPACT
- NO EXTERNAL MOVING PARTS
- ONLY HOSE CONNECTIONS TO COMPRESSOR
- NO DRIVE BELTS
- RETROFIT TO LEGACY SYSTEMS
- RETROFIT TO ENGINES W/O COMPRESSOR DRIVE

BENDIX 922/921 COMPRESSOR

- HEAVY TRUCK INDUSTRY STANDARD

SYSTEM APPROVED FOR AIR BRAKE SERVICE IAW FMVSS121

LARGE VOLUME AIR SYSTEMS

- CENTRAL TIRE INFLATION (CTIS)
- TRAILER AIR SUSPENSION
- PNEUMATIC CONVEYING
- SUPPLEMENTAL ENGINE CHARGE AIR
- AIR TOOLS
- INFLATABLE BOATS

SERVING NON-TRADITIONAL AIR-COMPRESSOR APPLICATIONS

- OILFIELD
- MINING
- RAILROAD
- DEFENSE
- HYBRID ELECTRIC
- CNG/LNG ENGINE POWER
- AGRICULTURE
- FIREFIGHTING/RESCUE
- MARINE

ACCESSORIES/SERVICES

- DUAL, CONTINUOUS OPERATION AIR DRYER PACKAGE
- RUBBER BOAT LPFM (LOW-PRESSURE-FLOW-MULTIPLYING) INFLATOR
- SPECIAL MOUNTS AND FULL SYSTEM INTEGRATION

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MODEL ICHB0922 HYDRAULIC DRIVEN AIR-COMPRESSOR

Model: **Model ICHB9220**

Description: **Compact, hydraulic-driven BENDIX 922 air compressor with integral hydraulic control manifold, complete w/ SAER5 hydraulic hose and hardline plumbing, gear motor, thru-drive scavenge pump (when required) and mounting bracket.**

Operation: Hydraulic motor driven – direct coupled

Rated Output: 32 cfm at approx. 2300 rpm

Rotation: CW (looking into compressor input shaft)
Per the directional arrow located at the scavenge pump

Reference Hydraulic Information

Hydraulic Pressure
(2300 rpm/120 psi air pressure): 2600 psi

Hydraulic Flow
(2300 rpm/120 psi air pressure): 8.5 gpm

Hydraulic Power
(2300 rpm/120 psi air pressure): 13 hp

Ports: Hydraulic inlet: -8 JIC
Hydraulic return: -10 JIC
Air compressor discharge: -12 SAE ORB
Air compressor inlet: -14 SAE ORB

Number of Cylinders: 2

Bore Diameter: 3.622 in

Stroke: 2.125 in

Theoretical Displacement (1250 rpm): 31.7 cfm

Air Flow (2300 rpm/120 psi): 32 cfm

Parasitic Power (unloaded): 2.3 hp (estimated)

Max Inlet Air Temp: 170 deg F

Max Discharge Air Temp: 350 deg F

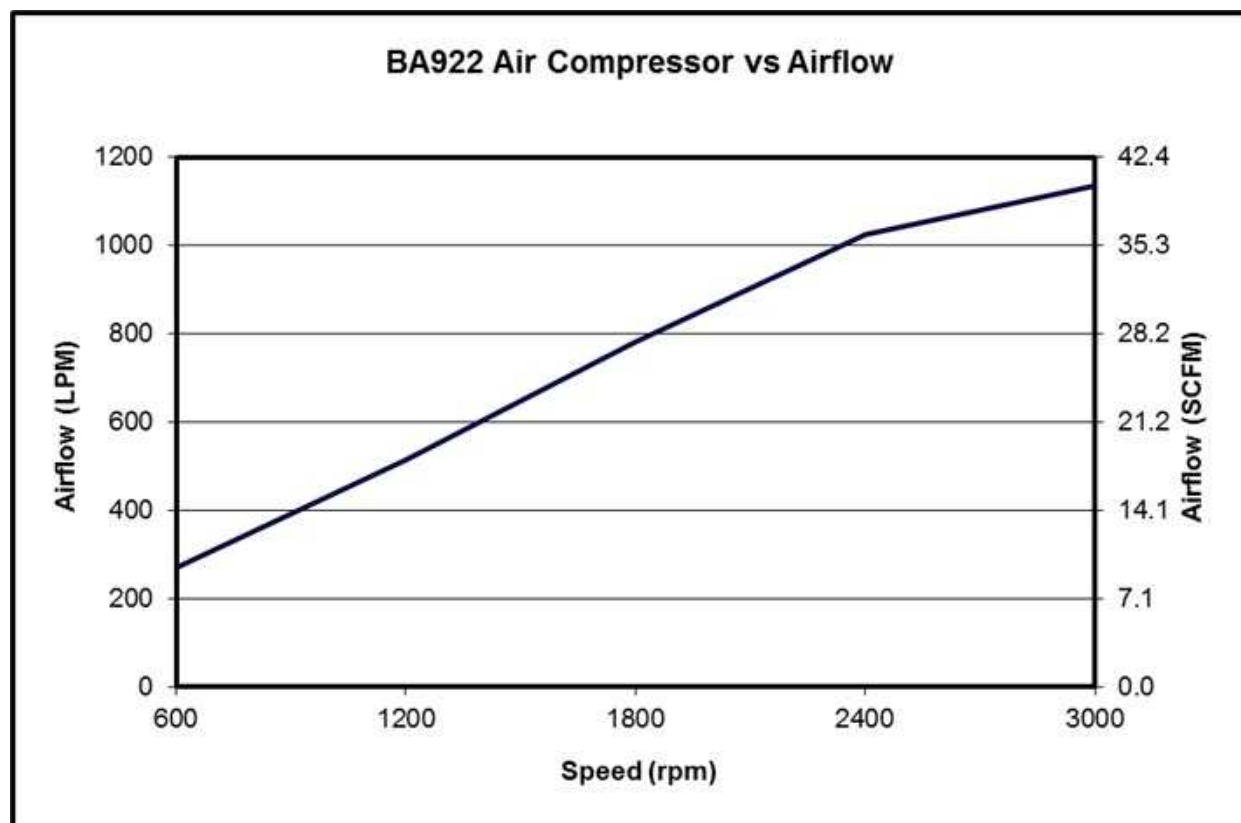
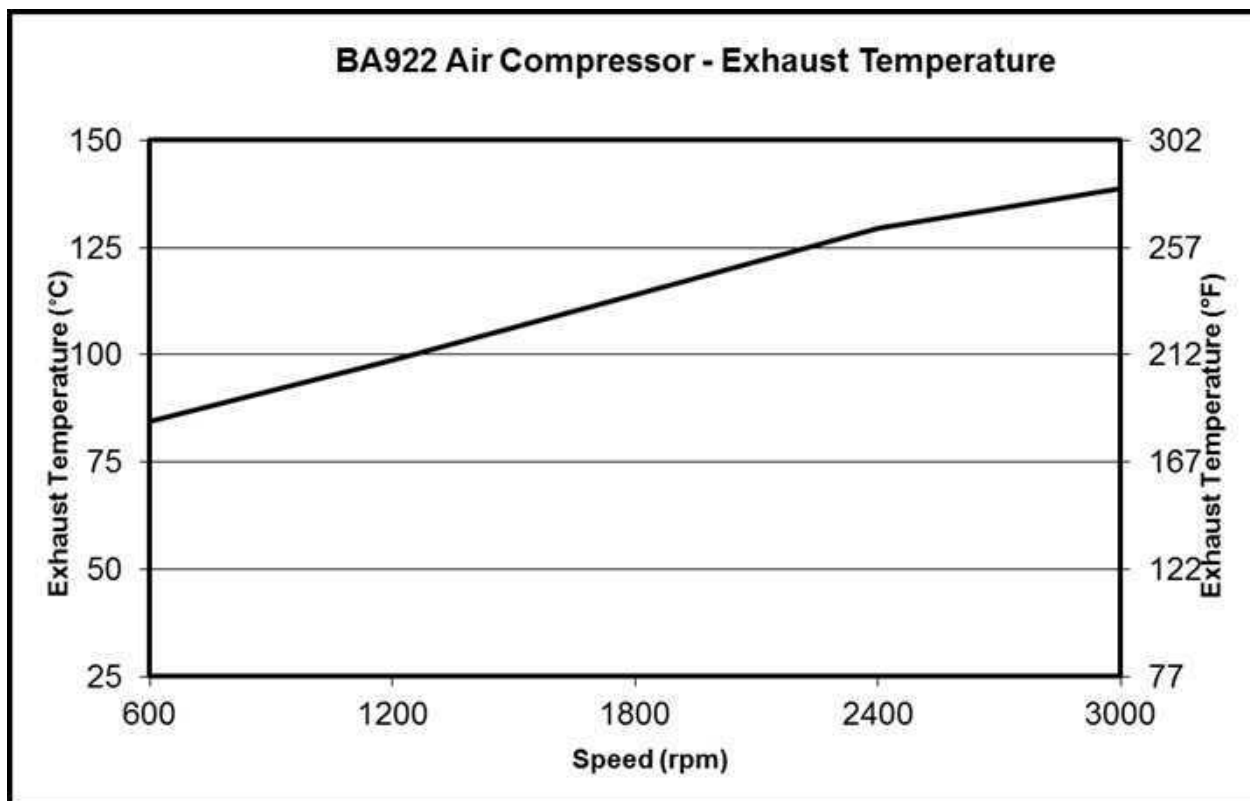
Min Un-loader line size: ¼ in ID

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Governor Cutout Pressure:	120 psi (Alternate cutout pressure available)
Max Oil Temperature:	220 deg F
Standard Finish:	Painted steel components Anodized aluminum alloy components
Overall Dim (LWH):	22 in X 7 in X 10.0 x 16 in
Operating Fluids:	Synthetic motor oil Mineral-base motor oil Hydraulic oil
Dry Weight:	90 lb

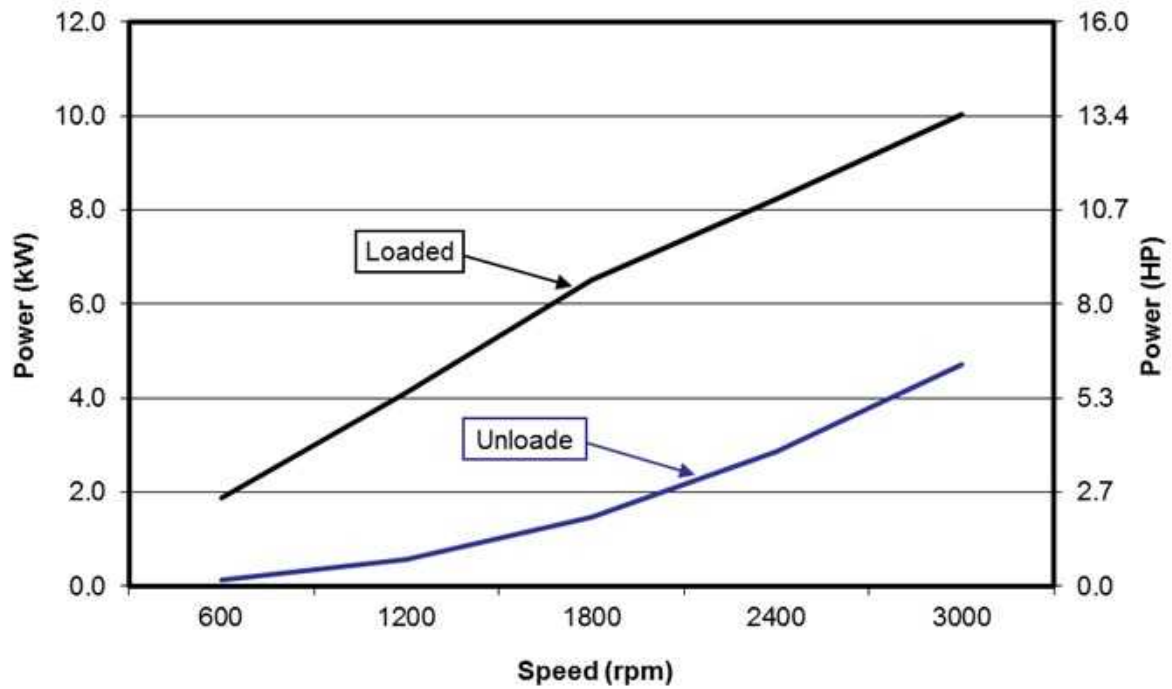
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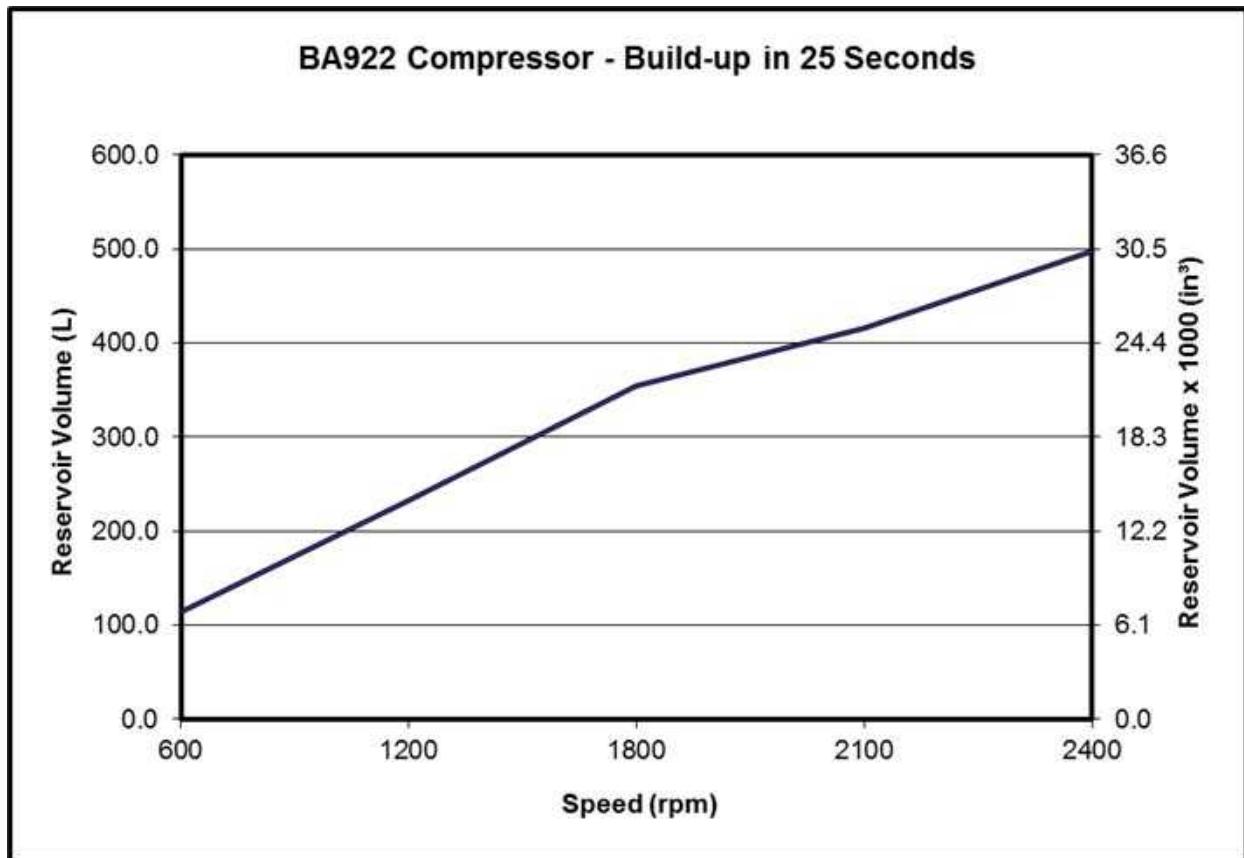
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BA922 Air Compressor - Power Consumption



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