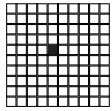
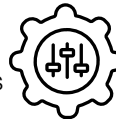


Partner With Bison[®] To...



Differentiate

... your bus, truck, off-road and rail equipment using the highest quality motors and pumps that provide heavy-duty, yet light weight and compact designs, CAN functionality, long life and much more.



Customize

... your vehicles' air- and other fluid-moving solutions, working side by side Bison[®] engineers who know the dynamics of fluid and have hundreds of years of cumulative experience.



Save Time

... by running performance tests and rapid prototyping and more through a Bison[®] state-of-the-art engineering laboratory.



Gain Access

... to heavy-duty transportation pumps and motors that are Buy America Compliant.

Differentiate Your End Products With ROTRON[®] Pumps and Motors

- Brushless sealless pumps
- Brushless DC motors
- SAE J1939 CAN functionality
- Long life up to 60,000 hours
- Maintenance-free design



Bison[®] also manufactures a full line of brushless DC fans and impeller style blowers.

Our Engineers Can Customize Your Air- and Other Fluid-Moving Solutions to...

- Heat and cool interiors
- Cool electronics, batteries & drive motors
- De-ice entryways
- Defrost windows
- And so much more!



LEARN
MORE

Helping
Fleet
Owners....



Reduce
Operational Costs



Eliminate
Downtime



Increase
Service Time,
Revenues & Profits

3" Brushless DC Motor



40,000 Hour Design Life

ROTRON®
Transportation

Brushless Motor

- Electronically Commutated DC (ECDC™) motor eliminates “brush” motor failures while offering extended life

Life Cycle Cost Savings

- Motor design life of 40,000 hours eliminates additional motor cost and labor intensive maintenance expense of brush motor designs

Interchangeable

- 3.0 inch outside motor diameter and standard 2-wire electrical hook-up allows complete interchangeability with brush motor counterparts

Rugged

- Environmentally resistant design offers protection from hot-water spray, rain, humidity, salt, fog, shock, and vibration

“Smart” Motor Controls

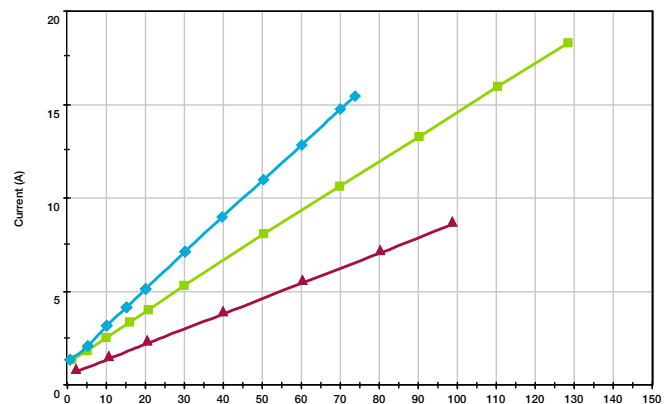
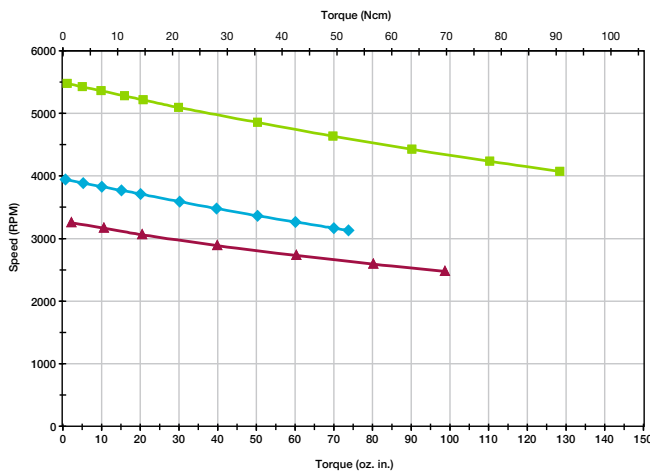
- Multi-speed and variable speed operation
- Current limit
- Locked-rotor protection
- Reverse polarity protection
- Over temperature shut off
- Transient over-voltage protection
- Soft start input



Multi-Purpose Use

- A/C evaporator and condenser motors and blowers
- Heater motors and blowers
- Defroster motors and blowers
- Coolant pumps
- Radiator cooling fans

Performance



◆ 150072-00 ■ 150209-00 ▲ 150218-00

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About **Bison®**

For more than 100 years, Bison® has helped customers differentiate their products by developing robust, flexible and durable motors, blowers and pumps under the brand names - Bison® Gearmotors, Lamb®, Nautilair®, Prestolite Motors, ROTRON® Regenerative Blowers, ROTRON® Transportation and Windjammer®.

Bison® engineers thrive on technical challenges and provide customers collaborative, customizable and optimized fluid-moving, fractional and integral horsepower solutions. Bison® has worldwide sales representative support, research facilities and manufacturing facilities in the United States, China and Mexico. The company is headquartered in Kent, Ohio.

Bison® is a business of AMETEK, Inc. — a leading global provider of industrial technology solutions serving a diverse set of attractive niche markets with annual sales over \$6.0 billion.

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About **ROTRON® Transportation Pumps and Motors**

For more than 75 years, Bison® has designed and manufactured **ROTRON®** brushless sealless pumps and brushless DC motors for heavy-duty transportation OEMs building trucks, buses, locomotives, light rail equipment, off-road vehicles and more.

Our ROTRON® transportation products offer long life up to 60,000 hours, CAN J1939 functionality and maintenance-free designs. The fluid-moving technologies can be customized to OEM specs and are **Buy America Compliant**.