

## DM Advantage

High-performance, efficient engine cooling for heavy- and medium-duty trucks, buses and off-highway equipment. Ideal for vocational trucks and applications with little to no ram air.

- Maximum reliability and long operating life**
  - Premium double-row, angular contact (DRAC) bearing
  - Long-wearing air cartridge
  - Proven friction liner performance in highest-heat underhood applications
  - Fail-safe design
- Optimized two-speed function for efficient cooling and improved fuel efficiency**
  - Spring actuates at higher temperatures when more cooling is needed
- Maximum available horsepower for auxiliary systems and reduced operating noise**
  - Turns at lower speed in eddy-current mode



DM Advantage Two-Speed Fan Drive Specifications	
Actuation	Eddy current at low speed with spring lock up
Air pressure requirements	Minimum 90 psi [620.5 kPa]
Typical fan blade capacity (diameter)	Application specific
Typical engine horsepower range	Diesel engines up to 600 hp [447kW]

### ENGINEERED FOR:



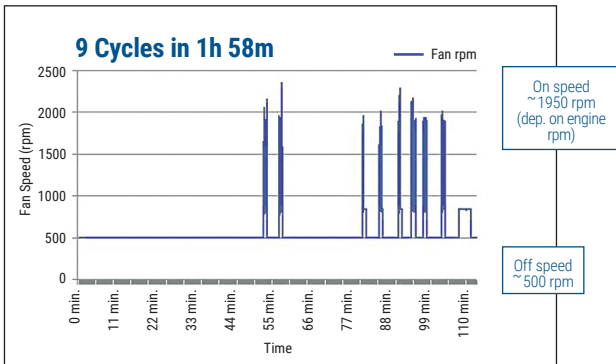
# DM Advantage Two-Speed Fan Drives

## Not All Bearings Created Equal

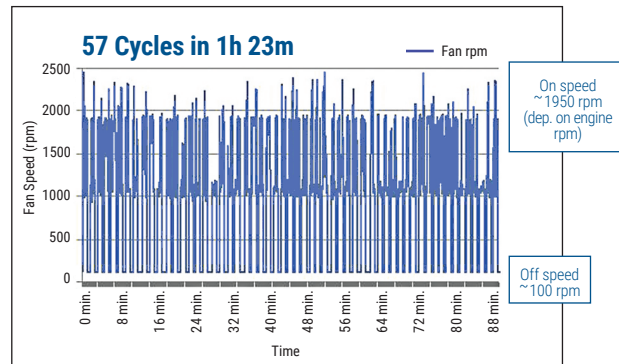
- Uses Horton’s industry-leading, double-row, angular contact (DRAC) bearing for increased durability and product life
- Over 3x the bearing life vs. competition during hot-box durability test
- 55% more rolling elements per row
- Highest-rated load capacity
- High-heat resistant grease and Viton seal

The DM Advantage Two-Speed Fan Drive provides an optimized low speed when full engine cooling is not needed. This feature provides a significant reduction in full-fan engagement cycles which means a longer life, lower noise and improved fuel efficiency in vocational or low ram-air applications.

**Fan Speed Over Time with DM Advantage® Two-Speed Fan Drive** (August 18, 2009, New Jersey)



**Fan Speed Over Time with DM Advantage® On/Off Fan Drive** (August 18, 2009, New Jersey)



### Committed to Your Ideal Airflow Solution

Horton® is the premium provider of engine cooling solutions worldwide. Our culture of innovation delivers high-performance products that last and services that help you meet your commitments. Trust Horton to help your products last longer, run quieter and consume less fuel.

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