

DM Advantage® Two-Speed Fan Drives



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:



Scan to Watch:



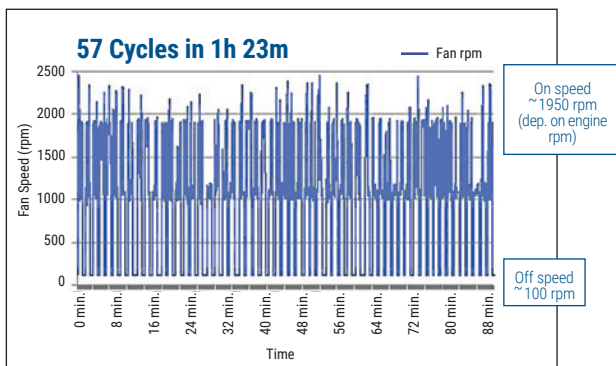
How the Horton DM Advantage Two-Speed Fan Drive Works

Not All Bearings Created Equal

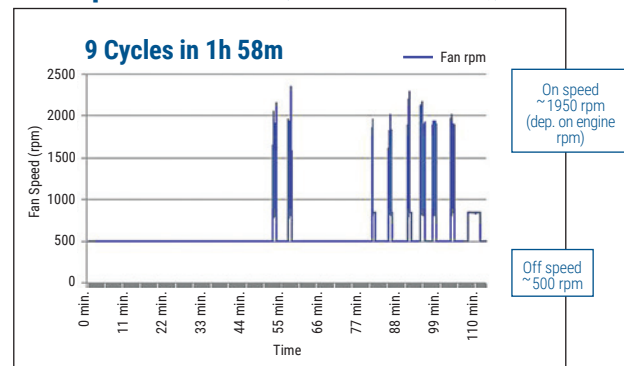
- Uses Horton's industry-leading, double-row, angular contact (DRAC) bearing for increased durability and product life
- Over 3x the bearing life vs. competition during hot-box durability test
- 55% more rolling elements per row
- Highest-rated load capacity
- High-heat resistant grease and Viton seal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

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® On/Off Fan Drive (August 18, 2009, New Jersey)



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



Your Partner in Thermal Control

As a global leader in thermal control for power systems, Horton® offers a variety of technologies for transportation and industrial applications to operate at the optimal temperature. Our culture of innovation delivers high-performance products that last and services that help you meet your commitments.

Horton is IATF 16949, ISO 14001 and ISO 9001 certified.