

Fans for Commercial, Off-Highway
& Light Commercial Vehicle Applications

Product Sheet



bwthermal.com



For Additional BorgWarner
Thermal Systems Information:

800-927-7811 USA
49-7544-969-207 Germany
88-574-820-9696 China

info@bwthermal.com

 **BorgWarner**

High-Efficiency Fans & Exit Guide Vanes

Features & Advantages

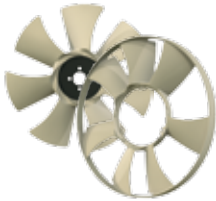
BorgWarner Polymer Cooling Fans range from optimized axial flow fans and ring fans for specific installations to new hybrid designs to cover future cooling demands. New features include improved aerodynamics and durability in the same light-weight package. Using technology-focused design methods such as FEA, CFD and MoldFlow™, performance and reliability are optimized.

BorgWarner Fans deliver up to 15% more airflow and 15% less weight than competitive products.

BorgWarner's Exit Guide Vane design provides optimized air-flow potential through its world-class efficiency improvements and unique diffuser design. This unique design requires lower torque than fans operating in a traditional shroud, translating into more power to the wheels.

Technical Features & Advantages

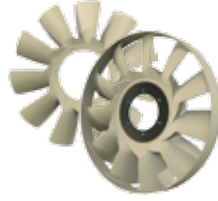
LD Series



LD7 | LD7RF | LDA7RF | XLD9RF

Light duty fan family with efficient and low noise blade profile. Fans are lightweight and optimized for light commercial vehicles.

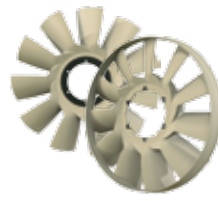
XS Series



XS11 | XS11RF

New high performance fan family for larger light commercial vehicles and small off-highway vehicles. Packaging is optimized for high efficiency and works well with the Viscronic fan drive series.

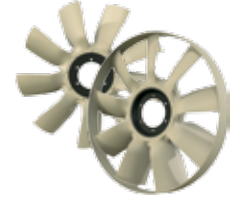
SD Series



SD9 | SD11 | SD11RF

New generation fan family with high performance and efficiency covering small and medium trucks as well as off-highway vehicles. Specially designed for use with the Viscronic fan drives but also compatible with the robust and reliable Viscous drives.

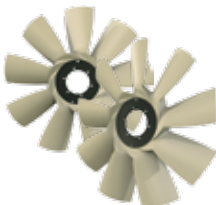
MD Series



MD9 | MD9RF

First generation off-highway and medium duty vehicle fans, which mark the beginning of a new fan design era. Weight optimized with high performance and efficiency. MD Series advantages are the basis of the next generation SD and XMD Series fans.

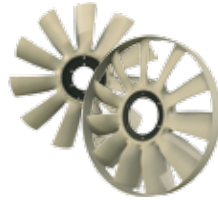
XMD Series



XMD9

Fan designed for North American medium and heavy duty truck requirements with very high efficiency, low noise and good performance.

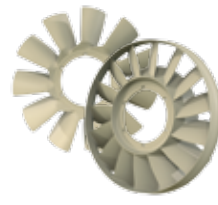
HD Series



HD11 | HD11RF

First generation off-highway and medium duty vehicle fans, which mark the beginning of a new fan design era. Weight optimized with high performance and efficiency. HD Series advantages are the basis of the next generation XD Series fans.

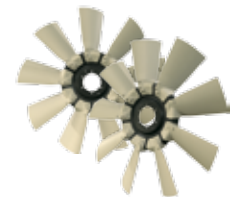
XD Series



XD11 | XD11RF | XD15MRF Back

Fan family developed to provide very high performance meeting the highest truck cooling requirements globally. This fan family provides peak cooling performance at low rpm's using our Cool Logic and Viscronic fan drives.

XL Series



XL9

The XL9 uses an innovative over-molded blade concept. The current design provides considerably larger airflow while maintaining the desired efficiency and durability levels. This fan was designed for use on off-highway vehicles.

