



BorgWarner On/Off Fan Drive

An on/off fan drive mounts to the engine of a medium or heavy duty vehicle which allows the cooling fan to be engaged or disengaged in operation. The reduced weight designs were developed from previous best practices and innovation through design optimization leading to a reduction in the engine base casting's overall footprint. Reducing the weight in the engine base casting and pulley castings realized the 1.6Kg in weight savings, and minimized the amount of post-process manufacturing operations that were required.

Category:
Module

Application:
Freightliner M2 SL

Weight Saving:
1.6kg
compared to
baseline system

Methodology:
Design Optimization