

Product Technical Sheet

# Light-Duty Decouplers

The only brand that offers a premium package of complete FEAD (Front End Accessory Drive) system solutions for hybrid and ICE (Internal Combustion engine) vehicles with a wide range of decouplers, dampers, tensioners, idlers/pulleys, and belts with world-class global R&D capabilities and local manufacturing footprints. With over a decade of success in delivering hybrid systems and components, our high-performance and industry-leading decoupler product line is a revolution to the premium and performance light vehicles.



<p><b>Technical Attributes</b></p>	<ul style="list-style-type: none"> <li>▪ A wide range of light-duty engine applications (hybrids and ICE)</li> <li>▪ Improved dynamic behavior in engine start &amp; stop</li> <li>▪ Optimal torsional vibration acting on FEAD</li> <li>▪ Reduced dynamic belt tension/load</li> <li>▪ Reduced tensioner arm motion</li> <li>▪ Allows to reduce drive/belt pretension (tension optimization)</li> </ul>
<p><b>Features/ Benefits</b></p>	<ul style="list-style-type: none"> <li>▪ Designed to integrate rubber damper</li> <li>▪ Improved system efficiency and reduced carbon footprints (CO<sub>2</sub>); Decoupler, belt optimization (CoF), and smart control logic as a major enabler towards emission reductions</li> <li>▪ Optimal vibration isolation and improved NVH</li> <li>▪ Increased lifetime of accessory drive components that results in enhanced system uptime</li> <li>▪ Competitive market leading technology with full system support</li> </ul>
<p><b>Value add to Customer</b></p>	<ul style="list-style-type: none"> <li>▪ World-class global R&amp;D and testing capabilities with local manufacturing footprints</li> <li>▪ Complete system solution provider with full FEAD support: decouplers, dampers, tensioners, idlers, pulleys, and belts</li> <li>▪ Reduced total cost of ownership</li> <li>▪ Delivering to leading premium and performance car manufacturers across the globe</li> </ul>
<p><b>Applications</b></p>	<div style="display: flex; justify-content: space-around; align-items: center;">    </div> <ul style="list-style-type: none"> <li>• Light Duty: Performance and premium cars; hybrid and ICE vehicles</li> </ul>

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