



A Division of First Citizens Bank



# GP38-2 specifications

<b>Builder Model</b>	<ul style="list-style-type: none"> <li>• EMD GP38-2</li> </ul>
<b>Nominal Dimensions</b>	<ul style="list-style-type: none"> <li>• Length Between Couplers: 59' 2"</li> <li>• Distance Between Bolster Centers: 43' 00"</li> <li>• Height - Cab Roof to Top of Rail: 15' 5"</li> <li>• Truck Wheel Base: 9' 00"</li> </ul>
<b>Main Components</b>	<ul style="list-style-type: none"> <li>• 16-645E Prime Mover</li> <li>• AR10 - Main Traction Alternator</li> <li>• 26L Airbrake</li> </ul>
<b>Drive</b>	<ul style="list-style-type: none"> <li>• Traction Motors: 4</li> <li>• Model: D77</li> <li>• Gear Ratio: 62:15</li> <li>• Wheel Diameter: 40"</li> </ul>
<b>Weights and Capacities</b>	<ul style="list-style-type: none"> <li>• Nominal Weight: 260,000 lbs</li> <li>• Fuel Tank Capacity: 2,500 gals</li> <li>• Sand: 36 cu ft</li> <li>• Cooling Water: 240 gals</li> <li>• Lubricating Oil: 243 gals</li> </ul>
<b>Performance</b>	<ul style="list-style-type: none"> <li>• Minimum Continuous Speed: 10.8 mph</li> <li>• Continuous Tractive Effort: 50,000 lbs</li> <li>• Starting Tractive Effort: 61,000 lbs</li> <li>• Maximum Locomotive Speed: 65 mph</li> </ul>
<b>Horsepower</b>	<ul style="list-style-type: none"> <li>• Engine Speed: 835 rpm</li> <li>• Tractive Horsepower: 2,000</li> </ul>
<b>Build Date</b>	<ul style="list-style-type: none"> <li>• 1972-1982</li> </ul>
<b>Additional Equipment</b>	<ul style="list-style-type: none"> <li>• Air Conditioning</li> <li>• AESS</li> <li>• Ditch lights front and rear</li> <li>• Extended Range Dynamic Brakes</li> <li>• Meets current EPA 1033 requirements</li> </ul>

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