



CM class LOCOMOTIVE

General

Class	<i>CM</i>	Manufacturer	<i>Wabtec</i>
Locomotive Numbers	<i>3301 - 3316</i>	Manufacture Year	<i>2013-14</i>

Operating

Load Category	<i>L3</i>	Live Weight	<i>133.8 t</i>
Speed Category	<i>S5</i>	Dead Weight	<i>-</i>
Draft Capacity	<i>2.5 MN</i>	Axle Load	<i>22.7 t</i>
Maximum Speed	<i>115 km/h</i>	Track Gauge	<i>1435 mm</i>
Fuel Capacity	<i>10000 L</i>	Length over Couplers	<i>20218 mm</i>
Operating Orientation	<i>Single, Short End Leading</i>		

Technical

Locomotive Model	<i>MP33C</i>	Wheel Arrangement	<i>Co-Co</i>
Engine	<i>Cummins QSK78-18</i>	Wheel Diameter	<i>1016 mm</i>
Maximum Gross Power	<i>3300 HP (2462 kW)</i>	Generator	<i>Kato RM-1665</i>
Engine Speed	<i>1800 rpm</i>	Traction Motors	<i>EMD D87BTR</i>
Lube Oil Capacity	<i>455 L</i>	Control System	<i>QES III</i>
Cooling Water Capacity	<i>802 L</i>	Air Brake	<i>FastBrake Electronic</i>
Continuous Tractive Effort	<i>363 kN</i>	Dynamic Brake	<i>Fitted</i>
Starting Tractive Effort	<i>414 kN</i>	Air Conditioning	<i>Fitted</i>
Adhesion	<i>27 %</i>	Toilet	<i>Fitted</i>
Gear Ratio	<i>61 : 16</i>	Distributed Power	<i>No</i>
Other	<i>Video Camera, Auto shutdown</i>		

