

## General

<b>Class</b>	CM
<b>Manufacturer</b>	Motive Power
<b>Locomotive Numbers</b>	3301 - 3316
<b>Year of Manufacture</b>	2012 - 13
<b>Quantity</b>	16

## Operating

<b>Load Category</b>	L3
<b>Live Weight</b>	132.0 tonnes
<b>Drawbar Capacity</b>	2.20 MN
<b>Axle Load:</b>	22.0 tonnes
<b>Maximum Speed</b>	115km/h
<b>Track Gauge</b>	Standard 1,435 mm,
<b>Fuel Capacity Length</b>	10,000 L
<b>Over Couplers</b>	22.01 m
<b>Operating Station</b>	Single – Short end leading

## Technical

<b>Locomotive Model</b>	MP33C
<b>Engine</b>	Cummins QSK78
<b>Wheel Arrangement</b>	Co-Co
<b>Wheel Diameter</b>	1,067 mm
<b>Maximum Gross Power</b>	2460kW/3300hp
<b>Alternator</b>	Kato
<b>Engine RPM</b>	1,800
<b>Traction Motors</b>	D87BTR
<b>Lube Oil Capacity</b>	492 L (TBC)
<b>Control System</b>	Q-Tron - QESIII
<b>Cooling Water Capacity</b>	496 L
<b>Air Brake</b>	Wabtec Fastbrake
<b>Dynamic Brake</b>	3 stage extended range
<b>Starting Tractive Effort</b>	414 kN
<b>Adhesion</b>	28%*
<b>Gear Ratio</b>	61:16
<b>Air Conditioning</b>	Fitted
<b>Toilet</b>	Fitted

