

CM Class Locomotive

RAILFIRST

General

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

Operating

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

Technical

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

