

CM CLASS LOCOMOTIVE



GENERAL

Class	CM
Locomotive Numbers	3301 - 3316
Quantity	16
Manufacturer	Wabtec, USA
Year of Manufacture	2013

OPERATING

Load Category	N/A
Speed Category	N/A
Drawbar Capacity	2.6 MN
Maximum Speed	115 km/h
Fuel Capacity	10,000 L
Length Over Couplers	20.218m
Operating Station	Single – Short end leading
Live Weight	133.8T
Dead Weight	N/A
Axle Load	22.7 T
Track Gauge Options	<input checked="" type="checkbox"/> Broad 1600mm <input checked="" type="checkbox"/> Standard 1435mm <input checked="" type="checkbox"/> Narrow 1067mm

TECHNICAL

Locomotive Model	Wabtec MP33C
Engine	Cummins QSK78-18
Maximum Gross Power	2,475 kW/ 3,300 hp
Engine rpm	1,800 max
Lube Oil Capacity	455 L
Cooling Water Capacity	802 L
Traction Motor Continuous	
Tractive Effort	414 kN @ 16 km/h
Continuous Tractive Effort	
@ 28% adhesion	363 kN @ 18 km/h
Adhesion	27 %
Gear Ratio	61 : 16
Wheel Arrangement	Co-Co
Wheel Diameter	1016mm
Alternator	Kato RM-1665
Traction Motors	EMD D87BTR
Control System	Wabtec, Qtron QES III
Air Brake	Wabtec, Fastbrake
Dynamic Brake	250 kN
Air Conditioning	Fitted
Toilet	Fitted
Other	Loco Video Camera recording Automatic engine stop/start fuel saving system

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