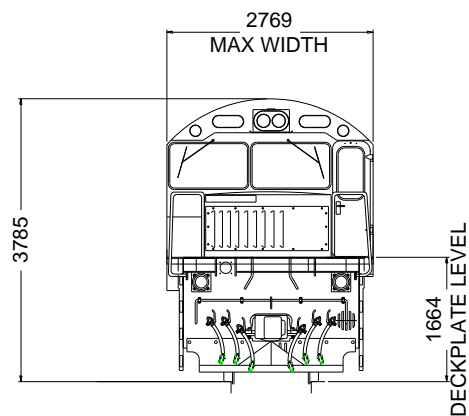
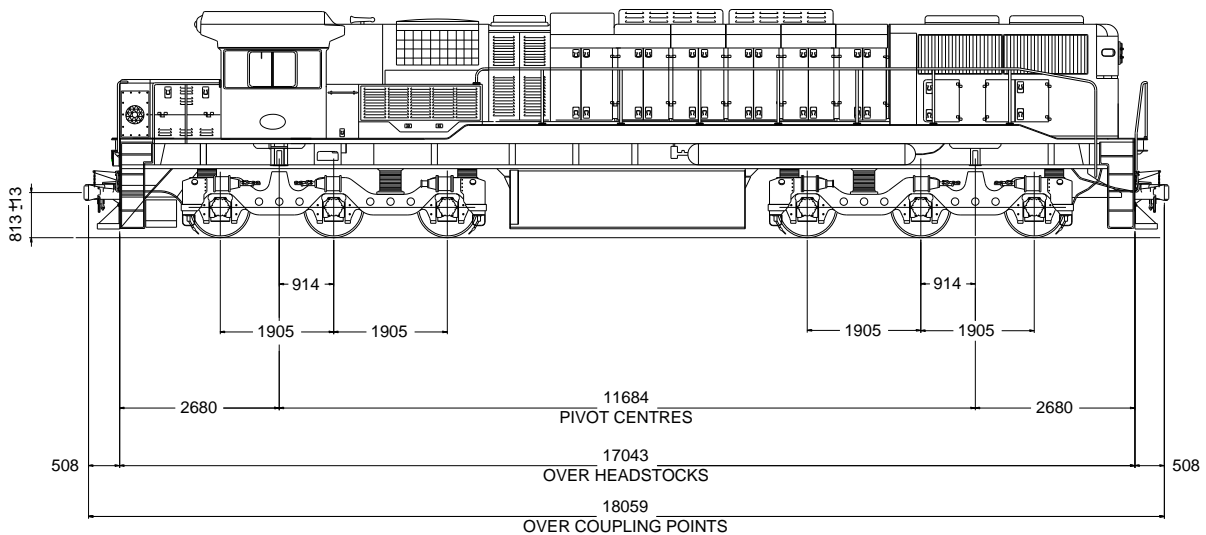


## 2050 Class Locomotive

### Description

Diesel electric mainline freight loco.

Length over coupling points	18059mm
Length over headstocks	17043mm
Overall width	2769mm
Bogie centres	11684mm
Bogie wheelbase	3810mm
Total wheelbase	13665mm



**2050 Class Technical Data**

Description	Driver Only Mainline Locomotive
Model designation	G22C
Wheel arrangement	Co-Co
Continuous tractive effort	226.06kN at 18.5 km/h
Power (Gross/Traction)	1641 / 1492kw
Diesel Engine	EMD 16/645E
Aspiration	Roots Blown
Main Generator/Alternator	EMD AR10 (With companion D14 alternator)
Auxiliary Generator/Alternator	Delco Remy Brushless 18kW
Traction Motors	EMD – D29
Air Compressor	WBO
Wheel Slip Control	EMD Dash 2
Vigilance/Data Recorder	Kaitiaki
Control Voltage	74V
Brake System	Westinghouse 26L
Gear Ratio	63:14
Wheel Diameter	1016mm
Weight	97.54 tonne
Fuel Capacity	7273 litres
Lubricating Oil Capacity	755 litres
Cooling Water Capacity	795 litres
Sand Capacity	1415dm <sup>3</sup>
Throttle Control	Electrical – 8 notch
Compatible classes	2000, 2100, 2130, 2020
Fleet Size	4
Road Numbers	2051-2054

**Notes:**

Originally QR – 2150 class locomotives.