

# GM12 Class Locomotive

Manufacturer:	Clyde Engineering
Model:	A7-A16C
Build Date:	1962-1963
Quantity Operated:	Two
Locomotive Numbers:	GM22 & GM27
Load Category:	L12 (1:40 grade - 615T)
Speed Category:	S8
Drawbar Capacity:	0.90MN
Maximum Speed:	115km/h
Fuel Capacity:	5,678L
Length over Couplers:	18.50m
Live Weight:	116.3T
Dead Weight:	127.9T
Axle Load:	19.4T
Wheel Gauge:	1,435mm (Standard)
Engine:	EMD 16/567C
Gross Power:	1,950hp/1,450kW
Continuous T/E:	220kN@15km/h
Adhesion:	-



*'The GM12 Class were upgraded from the original GM1 Class in several key areas to improve performance. Among the changes were more horsepower by adding the 567C engine, and removing the A1A-A1A bogie in favour of a Co-Co arrangement with all six axles being driven. The additional weight of six traction motors, combined with all axles being driven, greatly improved the adhesion and tractive effort.'*