

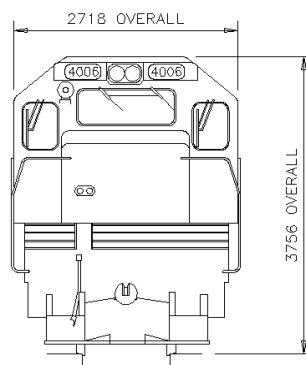
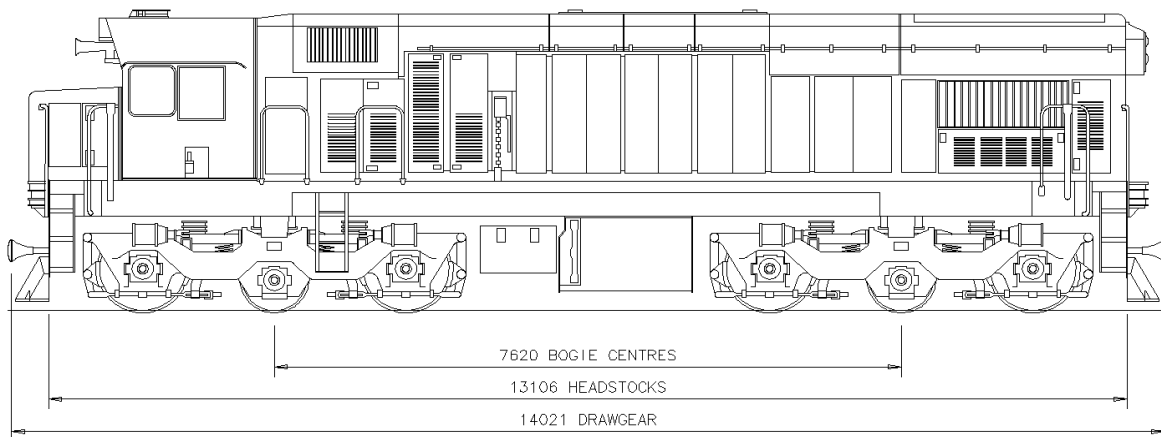
DC LOCO

DC

Description

Diesel electric mainline freight and passenger loco.

Length over drawgear	14097 mm
Length over headstocks	13106 mm
Overall width	2718 mm
Overall height	3756 mm
Bogie centres	7620 mm
Bogie wheelbase	3200 mm
Total wheelbase	10820 mm



Technical Data

Diagram	DC
General arrangement	X 48270
Clearance diagram	12020359
Stencilling diagram	S4298 - Sheet 3
Brake arrangement	X 48272
Bogie arrangement	X 46031
Drawgear arrangement	X 14854
Underframe arrangement	X 48452
Engine type	645E - 645C
Power output	645E - 1500HP traction / 1650HP gross 645C - 1310HP traction / 1425HP gross
Gear ratio	63 : 14
Driving wheel diameter	1022 mm
Battery type	8DK25 exide
Max. Tractive Effort	145 kN
Tractive effort (continous @ 25% adh)	140 kN
Maximum speed	100 Km/hr
Weight in service	82 Tonnes
Bogie weight	13.65 Tonnes
Oil capacity	525 Litres
Sand capacity	0.36 m ³
Fuel tank capacity	3637 Litres DC4006-4876 3140 Litres DC4916-4951

Notes

Built by General Motors, Canada 1961-67. Started service as class DA.
Rebuilt by Clyde Engineering, Adelaide 1978-80. Re-entered service as class DC.