



Specifications

General Data

Model Designation 2GS36C-DE

Emmissions Tier III
(US EPA)

Power (gross) 3600 HP
(2 engines)

Wheel Arrgt. (AAR) C-C

Dimensions

AAR Plate Plate C

Over Pulling Faces 68'10"
(20,980mm)

Width Over Grab 10'4"
Irons (3150mm)

Maximum height 15'4"
above rail (4674mm)

Wheel diameter 40"
(1016mm)

Minimum curve 193ft - 30 Deg.
radius-single unit (59m - 20 Deg.)

Track Gauge 56 1/2"
(1435mm)

Mass

Fully Serviced 420,000 lbs
(190,509 kgs)

Tons/Axle 35
(31.8 tonnes)

Supplies

Fuel 3,000 gal
(11,356L)

Sand 48 ft³ (1.36m³)

Coolant 230 gal (871L)
per NGen

Lubricating oil 65 gal (246L)
per NGen

Retention tank 100 gal (378L)

Equipment

Engine model QSK50

Generator model 744FDL5050L

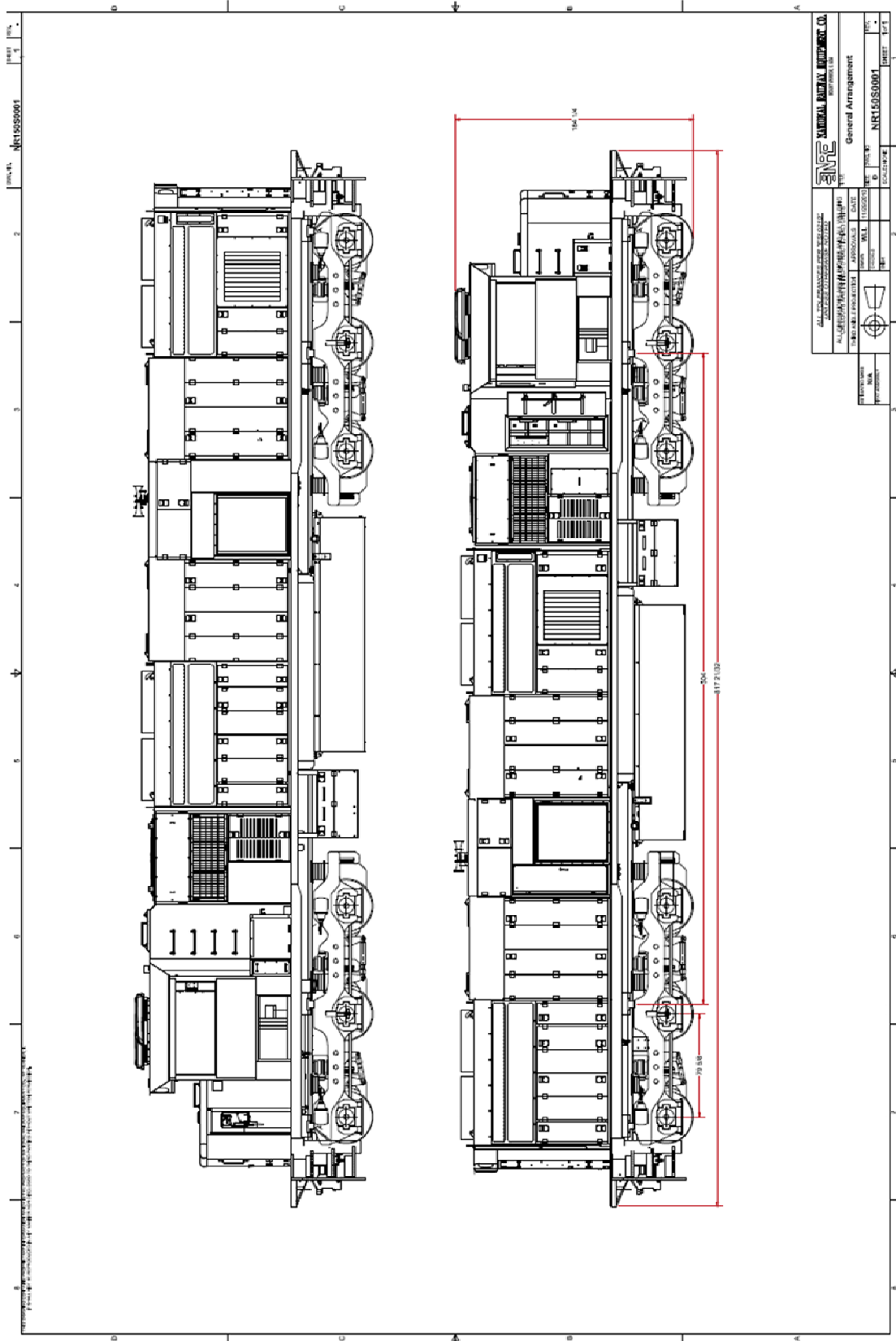
Air compressor model GAR37

Air brake model CCB26

Microprocessor model N-FORCE

Traction motors D77-78

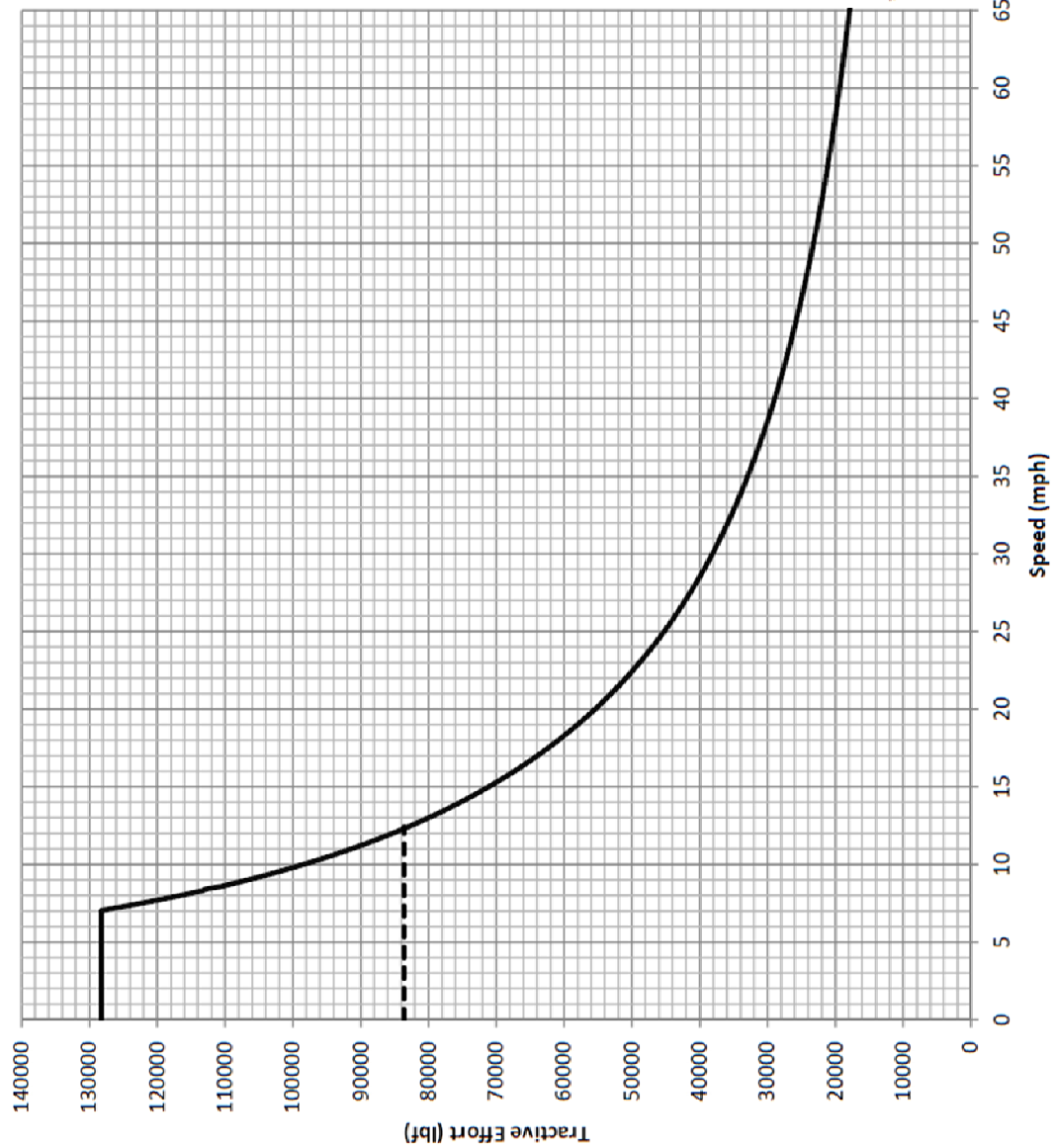
Traction Controller NRE DC chopper
(Independent Axle) IGBT



NRE NATIONAL RAILROAD EQUIPMENT CO. 1000 N. 10TH AVE. SUITE 100 DENVER, CO 80202		NRE NATIONAL RAILROAD EQUIPMENT CO. 1000 N. 10TH AVE. SUITE 100 DENVER, CO 80202	
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Tractive Effort vs. Speed



* Actual traction power may vary. Entire curve may not be available at all times due to limitations of wheel/rail adhesion

Model: NREX 3600
 Mass: 210 tons
 Traction Motors: D77/78
 Gear Ratio: 62:15
 Wheel Diameter: 40"
 Traction Power: 3350 hp

Engine type: QSK50 MCERS
 Power Rating: 1800 bhp
 US Emissions Cert: T3 Line Haul

Starting TE: 128280 lbf
 Continuous TE: 83614 lbf
 Continuous Speed: 12.4 mph