



NRE'S TIER IV ARB* VERIFIED DPF SWITCHER – FIELD TESTED**

AVAILABLE HP: 600, 1200 & 1800



California AQMD Grant Fundable
(Carl Moyer Program)
up to 85% Coverage

Grant qualification requires current fuel
usage documentation

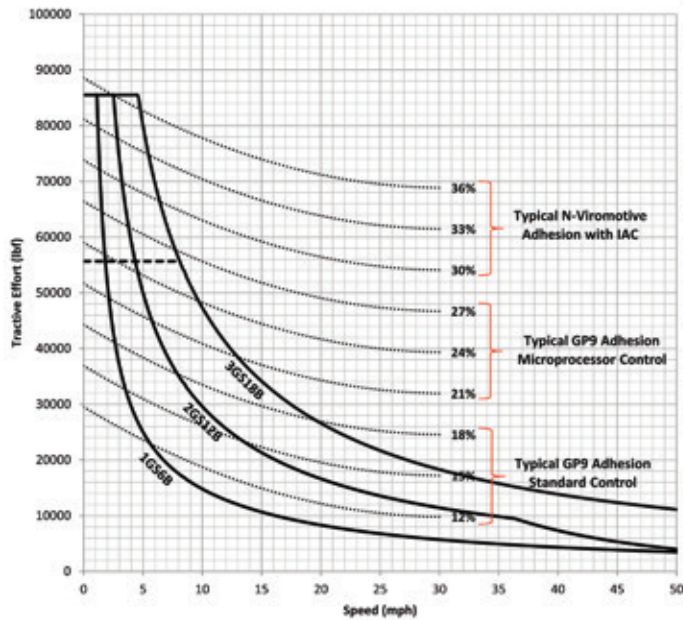
*ARB - Air Resource Board, also referred to as California Air Resource Board (CARB)
**DPF - Diesel Particulate Filter

N-VIROMOTIVE

3GS18B ULEL SWITCHER



Tractive Effort vs. Speed



Mass:	246000 lbs
Traction Motors:	D77/78
Gear Ratio:	62:15
Wheel Diameter:	40"
Engine type:	QSX15
Power Rating:	600 bhp
Model:	3GS18B
US Emissions Cert:	Tier 4 Switch
Traction Power:	1600 hp
Starting TE:	85520 lbf
Continuous TE:	55648 lbf @ 8.1 mph
Model:	2GS12B
US Emissions Cert:	Tier 4 Switch
Traction Power:	1000 hp
Starting TE:	85520 lbf
Continuous TE:	56053 lbf @ 4.3 mph
Model:	1GS5B
US Emissions Cert:	Tier 4 Nonroad
Traction Power:	500 hp
Starting TE:	85520 lbf
Continuous TE:	56203 lbf @ 1.8 mph

Actual traction power may vary. Entire curve may not be available at all times due to limitations of wheel/rail adhesion.
System may derate in high ambient temperature conditions or at high altitude

SPECIFICATIONS

GENERAL DATA

Model designation3GS18B
 Locomotive power (gross).....1800 HP
 Wheel arrangement (AAR).....B-B

DIMENSIONS

AAR plate.....Plate L
 Length over coupler pulling faces56'4"
 Width over grab irons.....10'9"
 Maximum height above rail.....15'8"
 Wheel diameter40"

WEIGHT

Fully Serviced (approx).....246,000lbs

SUPPLIES

Fuel New Fuel Tank: 1600gal
 Sand..... Total Sand: 32ft³
 Coolant per NGen..... Total Coolant: 28gal
 Lubricating oil per NGen Total Lube Oil: 30gal
 Retention tank(internal) 50-100gal

EQUIPMENT

Engine model..... QSX15
 Generator model..... 740RDL
 Air compressor model..... GAR37
 Air brake model Electronic
 Microprocessor model N-FORCE
 Traction motors..... D77/78

