

ELECTRO MOTIVE

F R E I G H T L O C O M O T I V E

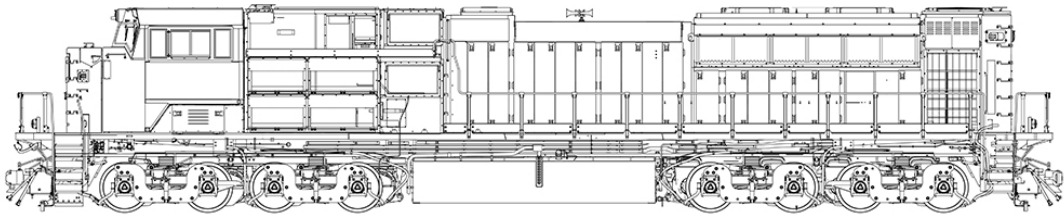
SD70ACe-BB

SD70ACe-BB Eight-Axle Locomotive Benefits

- Features highly reliable 710 Series engine - 16 cylinder, two-stroke, turbocharged
 - Equipped with EPA Tier 1 emissions hardware
 - Operates on B20 (concentrations up to 20% B100 biofuel)
 - Tuned for maximum fuel efficiency
- High Performance AC Traction System
- Inverter Driven Accessories for improved fuel economy
- EMD GBB 4-Axle Bogie (designed to negotiate 45m curve)
- Sets standards with a 184-day maintenance interval
- New Isolated Cab Design
- EMD Functionally Integrated Railroad Electronics (FIRE)
Man Machine Interface
- Optional IntelliTrain® remote monitoring and diagnostic services

EM2000™ Microprocessor Control System

- Excitation and load control
- Adhesion control
- Engine control
- Diagnostic system
- Archived unit history data



SD70ACe-BB Eight-Axle Locomotive Technical Details

Locomotive Traction System	AC Traction
Diesel Engine	16-710G3B-T1
Number of Axles	8
Locomotive Height	4,643 mm
Length Over Couplers	24,003 mm
Traction Horsepower	3,42 kW
Maximum Speed	80 kph
Starting Tractive Effort	724 kN
Dynamic Braking Effort	350 kN
Fuel Capacity (useable)	15,200 liters
Maintenance Interval	184 days
Nominal Weight	196 mT
Axle Load	24.5 mT - 27.5 mT
Track Gauge	1,000 mm - 1,676 mm