



**ELECTRO MOTIVE**

F R E I G H T   L O C O M O T I V E

**SD70ACe/LCi**

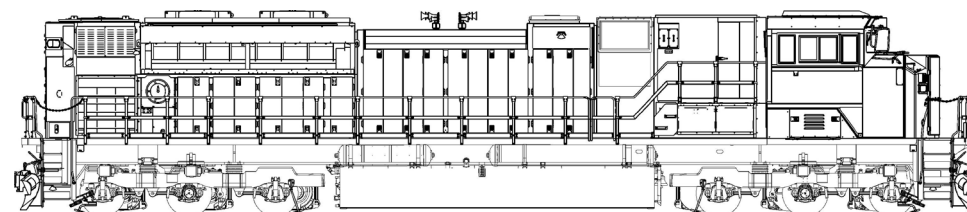


## SD70ACe/LCi Low Clearance Locomotive Benefits

- Designed for low clearance mining operations
- Features highly reliable 710 Series engine - 16 cylinder, two-stroke, turbocharged
- Operates in extreme weather conditions (-40°C to +50°C)
- Durable AC traction
- Inverter Driven Accessories for improved fuel economy
- Sets standards with a 184-day maintenance interval
- High Adhesion, Radial Bogie Design
- Isolated Cab for reduced driver exposure to noise and vibration
- EMD Functionally Integrated Railroad Electronics (FIRE) Man Machine Interface
- Fire Suppression System
- 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/LCi Low Clearance Locomotive Technical Details

Locomotive Traction System	AC Traction
Diesel Engine	16-710G3C-T2
Number of Axles	6
Locomotive Height	4,790 mm
Length Over Couplers	22,630 mm
Traction Horsepower	4,300 kW
Maximum Speed	113 kph
Starting Tractive Effort	850 kN
Dynamic Braking Effort	690 kN
Fuel Capacity (useable)	18,548 liters
Maintenance Interval	184 days
Nominal Weight	195 mT
Maximum Axle Load	32.5 mT
Track Gauge	1,435 mm