



ELECTRO MOTIVE

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

SD70ACS

SD70ACS Benefits

- Quiet Cab design
- Microprocessor controlled airbrake system
- 3 cylinder WLN air compressor
- HTSC-II bolsterless 3 axle non-radial truck
- EMD's FIRE™ system
- Functionally integrated railroad electronics
- EMD A3432 AC traction motors
- EMD TA17-CA9 alternator

EM2000™ Microprocessor Control System

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

SD70ACS Technical Details

Locomotive Type	Standard Gauge 6-axle Diesel Electric / AC Traction
Height	4.84 meters
Overall Length	22.63 meters
Horsepower	4312 hp / 3215 Kw
Maximum Speed	112 Km/h
Continuous Tractive Effort	698 kN
Starting Tractive Effort	850 kN
Dynamic Braking Effort	472 kN
Adhesion	37% Continuous / 46% Starting
Fuel Capacity	15,520 liters
Cooling Water Capacity	1230 liters
Engine	16-710G3C-T1
Maintenance Interval	184 days
Nominal Weight	190 tonnes

