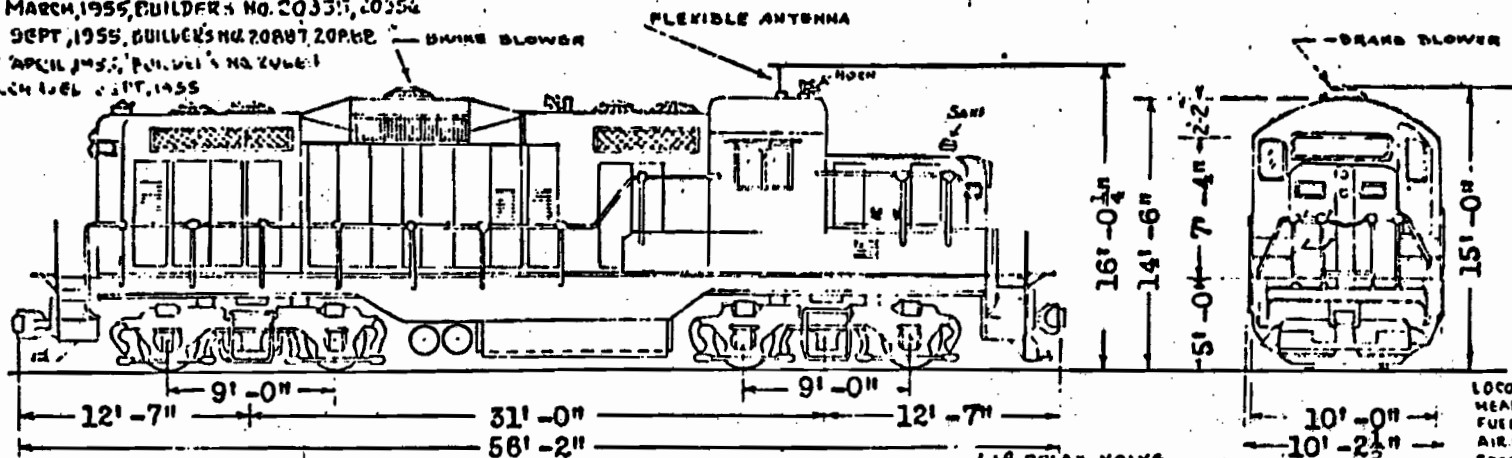


BUILT BY ELECTRO MOTIVE DIVISION
 NOS 29-30 BUILT MAY 1955, BUILDER'S NOS 19546-19551
 NOS 29-30 BUILT MARCH 1955, BUILDER'S NO. 20337, 20354
 NOS 31-32 BUILT SEPT. 1955, BUILDER'S NO. 20887, 20888
 NOS 33 BUILT APRIL 1955, BUILDER'S NO. 20661
 MARCH 1961, 1955

Diesel Electric Road Switching Locomotives Nos. 26, 27, 29, 30, 31, 32, 33
 Class DE-24



GENERAL DATA

WATER TEMP. COOLING FAN MOTORS
 37, 149V, 5HP, 1530 RPM, AC

18-2" CAR BODY FILTERS

18 RELAY VALVE

LOCO. NO. 33
 HEADLIGHT - MAR'S
 FUEL TANK - 1700 GAL
 AIR FILTER - 0-18-14 A-1
 SPEED INDICATOR - CHASCO
 2-HOT WATER CAB HEATER

GENERAL DATA		CAPACITY	
1. Weight - Working Order	249,000 lbs.	28. Fuel Oil	1600 Gals. (Loco No. 25-32 only)
2. Horsepower	1750	Lubricating Oil	200 Gals.
3. Ratio of Gears	62:15	29. Cooling Water	230 Gals.
4. Maximum Speed (Over-speed setting)	65 M.P.H.	Sand	18 cu.ft.
ENGINE		MISCELLANEOUS	
5. Type	Two Cycle Vee Type No. 567-C General Motors	25-32 Cab Heaters	2 Circulating Fans
6. Cylinders - Bore and Stroke	16 - 8 1/2" x 10"	30. Sanders	One Line Duplex, 8 Traps, Elect. Pneumatic Prime
7. Speed - Idling	275 R.P.M. At Rated H.P. 835 R.P.M.	31. Horns	Leslie Model S-5T Chime Horn-Pneumatic
8. Governor	Woodward PG Electro Hydraulic	32. Bell Ringer-Prime	BR-106, 3/32" Eng. Air Filters-Rotonamic
ELECTRICAL		33. Window Wiper	Sprague "Air Push" Flange Lub. 25-30 Meters 31-33 Make
9. 1 - EMD Main Generator Model D12B, 600V, 2200 Amp. Cont. DC		34. Speed Recorder	Barco DPC 0-75 M.P.H.
10. 1 - EMD Aux. Gen. Model A-7159A-1, 10KW, 80V, 125 Amps.		35. Fire Ext. 2 3/4" Ansul in cab, 2-30# Ansul (1-Cab, 1-Boiler Rm)	
11. 1 - EMD Alternator Model D-14, 100 KW, 165 Volts, 3 HP, AC		36. Draft Gear	National Malleable M-330
12. 4 - EMD Traction Motors Model D37B, 900 Amps, Cont. DC		37. Couplers-Front and Back (29-33, 30-32)	Top Operated Type "E"
13. 4 - EMD Trac. Mtr. Blowers Model I435, 149V, 5HP, 3100RPM AC		BRAKE EQUIPMENT-Flat Maintaining and Emergency Brake Valve	
14. 1 - EMD Dyn. Brk. Blr. Model AB103.48", 125V, 18HP, 1300RPM DC		38. Dynamic Brake	700 Amps. Maximum E.M.D.
15. MU Connections - Right and Left	Front And Back Ends	39. Dynamic Braking Power	52,500 lbs. @ 21 M.P.H.
16. MU Cont. Cable	27 Wire, 96" Long, Dyn. Br. Jumper Cable 3:3	40. Air Brake Schedule	Westinghouse 24RL
17. 1 - Fuel Pump Motor Model A-781, 1/4 HP, 74V, 1100 RPM DC		41. Air Brake Power	87,000 lbs. @ 30# Cyl. Press.
18. Battery	32 Cells, 64 Volts, MV-25-D Exide	42. Air Compressor	Gardner-Donver Type W10
19. Lighting Circuit	74 Volts	43. Air Compressor Capacity	235 C.F.M. @ 835 R.P.M.
20. Headlight (25-32) Pyle-National Twin-Sealed Beam 200W, 30V		44. Air Res. Capy.	2 - 22 1/2" dia. x 102" - 74,150 cu. in.
TRACTION POWER (cont. 44,500 lbs @ 12 M.P.H.) 52,400 lbs @ 30 MPH.		45. Hand Brakes	Ratio 28% Peacock No. 800 RE
21. Starting @ 25% adhesion	62,250 lbs.	TRUCKS	
22. 15 M.P.H.	35,500 lbs.	46. Type	E.M.D. Type Cast Steel
23. 20 M.P.H.	27,000 lbs.	47. Axles-Heat Treat.	6 1/2" x 12" Journals for Hyatt Roller Brgs.
24. 25 M.P.H.	21,500 lbs.	48. Wheels	40" Dia. Rolled Steel
25. 35 M.P.H.	16,500 lbs.	49. Brake Cylinders-8-9" x 8"	Side Bearings-Plain Steel
26. 45 M.P.H.	12,000 lbs.	LIMITING DIMENSIONS	
27. 55 M.P.H.	10,000 lbs.	50. Maximum length coupled	58'-2"
		51. Maximum width	10'-2 1/2"
		52. Maximum Height	15'-0"

10-1-54 - Cont. Locomotive...
 3-18-55 - 24 - 20 April 1955
 11-12-55