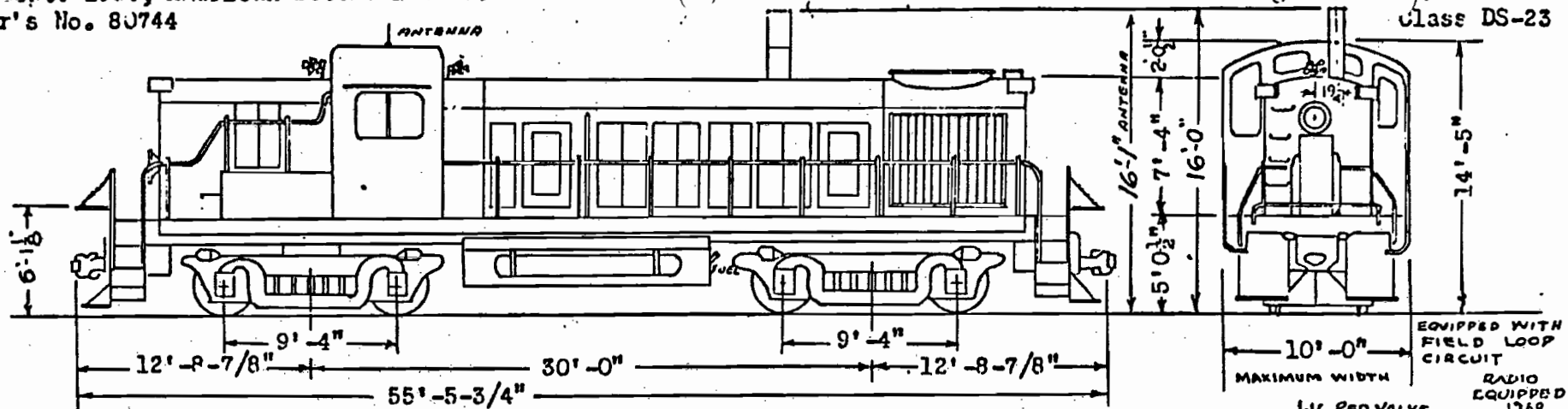


Built Sept. 1954, American Locomotive Co.  
 Builder's No. 80744

Diesel Electric Road Switching Locomotive No. 198  
 Class DS-23



GENERAL DATA - MU Connections - Front and Back

TRAIN AIR SIGNAL EQUIPMENT - WABCO  
 Dynamic Braking - 650 Amps. Max. 33000# @ 22 MPH  
 J-16 RED VALVE  
 EQUIPPED WITH FIELD LOOP CIRCUIT RADIO EQUIPPED 1960  
 AUTOMATICALLY REGULATED

1. Weight - Working Order	260,000 lbs.	28. Fuel Oil	1400 Gals. (1 Tank)	Lubricating Oil	200 Gals.
2. Horsepower	1600	29. Cooling Water	250 Gallons	Sand	28 cu.ft.
3. Ratio of Gears	74-18	AIR BRAKE			
4. Maximum Speed (Overspeed Setting)	65 M.P.H.	30. Schedule	24 RL W.A.E.Co.		
ENGINE		31. Brake Power @ 30 lbs. cylinder pressure	106,800 lbs.		
5. Type - 4 Cycle, V Type, Series 244G, Turbo Superch'd.	Alco	32. Air Compressor	Westinghouse 3 CCB		
6. Cylinders - Bore and Stroke	12- 9" dia. x 10 1/2"	33. Air Compressor Capacity at full engine speed	306 CFM		
7. Speed - Idling	350 R.P.M. At Rated H.P. 1000 R.P.M.	34. Reservoir Capacity	60,650 cu.in.		
8. Supercharger - Alco-510D, Eng. Air In. Filter 30 in. DASH-AIR MAZE		35. Feed Valve - D-24-B	Relayair Valve HA-24-C		
9. Governor	G.E. Type 17-1/2G6D1 Electro-Hydraulic	36. Deadman Control - Foot Pedal - Breakintwo Protection	Wabco		
ELECTRICAL		37. Handbrake	Ajax,	Reservoir Drain Valves	Prima
10. 1 - G.E. Main Generator Type 5GT581A1 Cont. Rat. 2170 Amps		MISCELLANEOUS			
11. 1 - G.E. Aux. Generator Type 5GY-27A3 12 KW, 75 Volts DC		38. Fire Extinguishers	2 3/4" Ansul in Cab, 2 - 30 lb. Ansul		
12. 1 - G.E. Exciter Type 5-AM-808-A3, 9KW, 100V, 2400 RPM		39. Sanders - 8 Graham-White, Windshield Wipers	Sprague		
13. 4 - G.E. Tract. Motors Type 5GE-752-E1, 1085 Amps. Cont. DC		40. Horns - 2 Leslie S5T Chime	Bell Ringer Prima		
14. 1 - G.E. Radiator Fan Aphonc Type 5GDY32A1 75 Volts DC		41. Speed Recorder	Barco DP, 0-60 M.P.H.		
15. 1 - G.E. Fuel Pump - Type 5BC76AB-286A, 1 H.P. 75 Volts DC		42. Draft Gear	Miner HF-233		
16. Control Equipment - GE Type P, Overspeed with Time Delay		43. Couplers	A.A.R. Type "E"		
17. Multiple Control Cable	60 Inch Length, 27 Wires	TRUCKS			
18. Batteries	32 Cells, 64 Volt, Exide MV-25-D	44. Type	4 Wheel, Swivel, Swing Motion Pedestal Type		
19. Lighting Circuit	75 Volts	45. Axles	6 3/4" x 12" Journals for Hyatt Roller Bearings		
20. Headlight - 2 Pyle-Nat. Twin-Sealed Beam 200 W, 30 V		46. Wheels	40" M.W. Rolled Steel		
TRACTION POWER		47. Brake Cylinders	8 - 10" dia. x 8" W.A.E.Co.		
21. Starting at 25% Adhesion	65,000 lbs.	48. Side Bearings	Plain Steel - Hardened		
22. 10 M.P.H.	49,000 lbs.	LIMITING DIMENSIONS			
23. 15 M.P.H.	33,500 lbs.	49. Maximum Length Coupled	55' 5-3/4"		
24. 20 M.P.H.	25,000 lbs.	50. Maximum Width	10' 0"		
25. 25 M.P.H.	20,000 lbs.	51. Maximum Height	14' 5"		
26. 30 M.P.H.	16,500 lbs.				