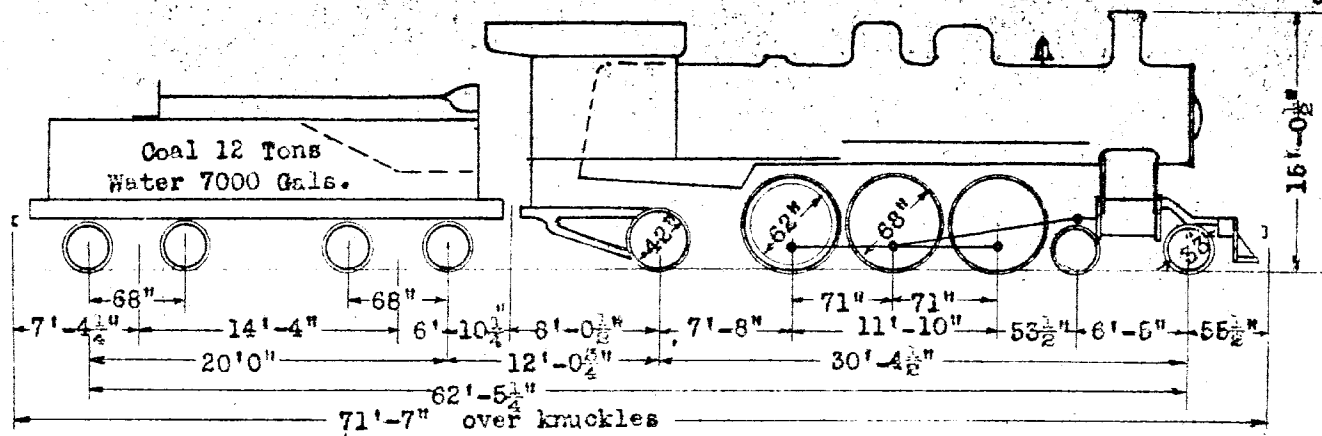


Engine No. 155
Class K1



GENL. DATA

1. Cylinders, dia. x stroke	22" x 28"	29. Heating surface, tubes	sq. ft. 3189
2. Valve gear	Walschaert	30. " " firebox & arch tubes	" " 196
3. Valves, size & kind	D-slide	31. " " total	" " 3384
4. " maximum travel	6"	32. " " superheater	" " None
5. " steam lap	1"	33. " " equivalent total	" " None
6. " exhaust clearance	Line	34. Grates, length x width	102 1/2" x 66"
7. " lead in full gear	1/8"	35. " area	sq. ft. 48.9
8. " cut off in full gear	67.5%	36. Brick arch, type	Security 4-tube
9. Rated tractive power	33,880 lbs.	37. Arch tubes O.D., Ga., Fin. Lgth. over Bd.	3"-7-5.W.G.-107 1/2"
10. Ratio of Adhesion (Wt. on drivers ÷ Trac. Power)	3.62	38. Stoker, type	None
11. Sharpest curve	22 Deg.	AIR BRAKE	
WEIGHT	Light	39. Schedule	W.A.B. 6-ET, W.M.2, 1210, Type 15-B
12. Leading truck		40. Brake Power	58% 71,400 lbs.
13. Driver, first		41. Pumps	2 - 9 1/2"
14. " second		AXLES	
15. " third		42. Leading truck	Journal Dia. x Lgth. 5 1/2" x 10"
16. " fourth		43. Driving, main	" " " 9" x 12"
17. " total		44. Driving, other than main	" " " 8 1/2" x 12"
18. Trailing truck		45. Trailing truck	" " " 7 1/2" x 12"
19. Total engine	172,400	TENDER	
20. Tender, front truck		46. Frame	Structural
21. " back		47. Draft gear	Farlow 3-key
22. " total	58,600	48. Brake schedule	W.A.B. 6-ET, 1212, Type "L"
23. Total engine and tender	231,000	49. Brake power	84% 46,300 lbs.
BOILER		50. Truck, type	Arch bar
24. Working pressure, maximum	200 lbs.	51. Axles	A.R.A. 5 1/2" x 10"
25. Firebox, length x width	102 1/2" x 66"	52. Wheels	Steel 33"
26. Tubes, No., O.D. & Gauge	280-2 1/4"-11- B.W.G.	53. Maximum width over cylinders	10' 3"
27. Flues, No., O.D. & Gauge	None	54. " " running boards, at cab	10' 3"
28. Tubes & Flues, Lgth. (in to in of tube sheets)	232"		