



SPECIFICATIONS

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| <p>1. TANK -----</p> <p>2. COIL -----</p> <p>3. UNDERFRAME -----</p> <p>4. JACKET -----</p> <p>5. INSULATION -----</p> <p>6. TRUCKS -----</p> <p>7. DRAFT EQUIPMENT -----</p> | <p>A. THEORETICAL SHELL FULL CAPACITY - 23,589 GAL</p> <p>B. CLASS BUILT - DOT 111A100W1</p> <p>C. SHELL AND HEAD MATERIAL - A516-70</p> <p>D. HEADS - 2:1 ELLIPTICAL, 7/16" MIN THICK, 110 1/4" ID</p> <p>E. SHELL - 110 1/4" ID, 7/16" THICK, 0.2181"/FT TOP AND BOTTOM SLOPE</p> <p>EXTERIOR SERPENTINE SYSTEM, 12 LINE, 8" COIL</p> <p>TYPE 20 STUB SILL DESIGN WITH LIFT PROVISION</p> <p>ASTM A569 STEEL SHEET</p> <p>A. 119 1/8" ID</p> <p>B. SHELL AND HEAD THICKNESS - 11 GAUGE</p> <p>4" GLASSWOOL BLANKET AT 1 LB DENSITY</p> <p>100 TON</p> <p>A. JOURNALS - 6 1/2" X 12", AAR APPROVED ROLLER BEARINGS</p> <p>B. WHEELS - AAR H-36 OR CH-36, CLASS "C", 1 WEAR</p> <p>C. SPRINGS - AAR D-5 (3 11/16" TRAVEL)</p> <p>D. BLOCK TYPE SIDE BEARINGS</p> <p>24 5/8" GEAR POCKET</p> <p>A. COUPLERS - AAR SE60DE</p> <p>B. COUPLER YOKES - AAR Y40AE</p> <p>C. DRAFT GEAR - AAR M-901E</p> | <p>8. AIRBRAKE -----</p> <p>9. HANDBRAKE -----</p> <p>10. GRATING -----</p> <p>11. HANDBRAKE -----</p> <p>12. EST. LT. WT. -----</p> <p>13. CENTER OF GRAVITY -----</p> <p>14. CURVE NEGOTIATIONS:</p> | <p>CONVENTIONAL FREIGHT BRAKE EQUIPMENT WITH ABU-1, 8 1/2" X 12" CYLINDER, AUTOMATIC SLACK ADJUSTER, DOUBLE ACTING:</p> <p>A. BRAKE BEAMS - AAR #18</p> <p>B. BRAKE SHOES - 2" HIGH FRICTION COMPOSITION, AAR H-4</p> <p>C. PISTON TRAVEL - REGULATED AT 7"</p> <p>AAR APPROVED VERTICAL WHEEL UNIT WITH AAR #66 BELL CRANK</p> <p>AAR APPROVED, STEEL</p> <p>1 1/4" SCHEDULE 40 PIPE WITH REINFORCED ENDS</p> <p>72,400 POUNDS</p> <p>83.12" LOADED</p> <p>MINIMUM RADIUS OF TRACK CURVATURE - HORIZONTAL CURVES:</p> <p>UNCOUPLED CAR ----- 150 FT</p> <p>COUPLED CAR (TANK ON CURVE, STANDARD CAR ON TANGENT) ----- 199 FT</p> <p>COUPLED CAR (STANDARD CAR ON CURVE, TANK ON TANGENT) ----- 155 FT</p> <p>COUPLED CAR (TWO LIKE CARS) ----- 200 FT</p> <p>MINIMUM RADIUS OF TRACK CURVATURE - VERTICAL CURVES:</p> <p>UNCOUPLED CAR ----- 500 FT</p> <p>COUPLED CAR (TANK CAR ON CURVE, STANDARD CAR ON TANGENT OR TWO LIKE CARS) ----- 584 FT</p> |
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A.A.R. APPLICATION NO. A926039

FILE:

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GENERAL ARRANGEMENT

23,550 GALLONS NOMINAL
DOT 111A100W1, 100 TON, 110 1/4", STB, C & I

DRAWN: WCJ	CHKD: DID	APP: MSR	DATE: 5-6-92
REV			SIZE
D-40586			D

MK	BY	DATE	REVISION