



SPECIFICATIONS

- | | |
|---|---|
| <p>1. TANK ----- A. THEORETICAL SHELL FULL CAPACITY - 23,589 GAL
 B. CLASS BUILT - DOT 111A100W1
 C. SHELL AND HEAD MATERIAL - A516-70
 D. HEADS - 2:1 ELLIPTICAL, 7/16" MIN THICK, 110 1/4" ID
 E. SHELL - 110 1/4" ID, 7/16" THICK, 0.2181"/FT TOP AND BOTTOM SLOPE</p> <p>2. COIL ----- EXTERIOR 12L-2T SERPENTINE MANIFOLD SYSTEM</p> <p>3. UNDERFRAME ----- TYPE 20 STUB SILL DESIGN WITH LIFT PROVISION</p> <p>4. JACKET ----- ASTM A569 STEEL SHEET
 A. 119 1/8" ID
 B. SHELL AND HEAD THICKNESS - 11 GAUGE</p> <p>5. INSULATION ----- 4" GLASSWOOL BLANKET AT 1# DENSITY</p> <p>6. TRUCKS ----- 100 TON, BARBER S-2-C
 A. JOURNALS - 6 1/2" X 12", AAR APPROVED ROLLER BEARINGS
 B. WHEELS - AAR H-36 OR CH-36, CLASS "C", 1 WEAR
 C. SPRINGS - AAR D-5 (3-11/16" TRAVEL)
 D. BLOCK TYPE SIDE BEARINGS</p> <p>7. DRAFT EQUIPMENT ----- 24 5/8" GEAR POCKET
 A. COUPLERS - AAR SE60DE
 B. COUPLER YOKES - AAR SY40AE
 C. DRAFT GEAR - AAR M-901E</p> | <p>8. AIRBRAKE ----- CONVENTIONAL FREIGHT BRAKE EQUIPMENT WITH ABU-1, 8 1/2" X 12" CYLINDER. AUTOMATIC SLACK ADJUSTER, DOUBLE ACTING:
 A. BRAKE BEAMS - AAR #18
 B. BRAKE SHOES - 2" HIGH FRICTION COMPOSITION, AAR #H-4
 C. PISTON TRAVEL - REGULATED AT 7"</p> <p>9. HANDBRAKE ----- AAR APPROVED VERTICAL WHEEL UNIT WITH AAR #66 BELL CRANK</p> <p>10. GRATING ----- AAR APPROVED, STEEL</p> <p>11. HANDRAIL ----- 1 1/4" SCHEDULE 40 PIPE WITH REINFORCED ENDS</p> <p>12. EST. LT. WT. ----- 72,000 POUNDS</p> <p>13. CENTER OF GRAVITY ----- 83.12" LOADED</p> <p>14. CURVE NEGOTIATIONS:
 MINIMUM RADIUS OF TRACK CURVATURE - HORIZONTAL CURVES:
 UNCOUPLED CAR ----- 150 FT
 COUPLED CAR (TANK ON CURVE, STANDARD CAR ON TANGENT) ----- 199 FT
 COUPLED CAR (STANDARD CAR ON CURVE, TANK ON TANGENT) ----- 155 FT
 COUPLED CAR (TWO LIKE CARS) ----- 200 FT</p> <p>MINIMUM RADIUS OF TRACK CURVATURE - VERTICAL CURVES:
 UNCOUPLED CAR ----- 500 FT
 COUPLED CAR (TANK CAR ON CURVE, STANDARD CAR ON TANGENT OR TWO LIKE CARS) ----- 584 FT</p> |
|---|---|

C	AEE	11-8-95	REVISED GRAPHICS OF MULTI-HOUSING	
B	MSR	2-10-92	REVISED AIR BRAKE EQUIPMENT NOTE	M
A	ADP	3-14-91	2"-6" WAS 29" & 15"-0 1/4" WAS 14"-10 5/8"	M
REV BY	DATE		REVISION	M

A.A.R. APPLICATION NO. A916060

FILE:

TRINITY INDUSTRIES, INC.
RAILCAR DIVISION

THIS DRAWING CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION OF TRINITY INDUSTRIES, INC. THE DRAWING IS THE PROPERTY OF TRINITY INDUSTRIES, INC. AND IS LOANED FOR ENGINEERING REVIEW ONLY. THE DRAWINGS MAY NOT BE COPIED OR USED FOR ANY OTHER PURPOSE WITHOUT THE WRITTEN CONSENT OF TRINITY INDUSTRIES, INC. AND SHALL BE RETURNED ALONG WITH ALL COPIES UPON DEMAND. © TRINITY INDUSTRIES, INC. 1995

DRAWN	JBN	9-16-88	<p>GENERAL ARRANGEMENT 23,550 WG NOM CAPACITY DOT111A100W1, 100 TON, 110 1/4", STB, C & I</p>		
CHKD	TBC	9-16-88			
APPD	WRB	9-16-88			
1st FILE	8838				
NLA					
WEIGHT					
1058-2654-000	DRAWING NO:	D-40284	SHEET 1 OF 1	REV C	SIZE D