



SPECIFICATIONS

VENDOR OF MECHANICAL PARTS MAY BE SPECIFIED SEE BILL OF MATERIAL.

- | | | |
|---|--|--|
| <p>1. TANK -----</p> <p>2. COIL ----- NONE</p> <p>3. UNDERFRAME ----- TYPE 23 STUB SILL DESIGN WITH LIFT PROVISION</p> <p>4. JACKET ----- NONE</p> <p>5. INSULATION ----- NONE</p> <p>6. TRUCKS ----- 100 TON</p> <p>7. DRAFT EQUIPMENT -----</p> | <p>A. THEORETICAL SHELL FULL CAPACITY - 34,500 GAL</p> <p>B. CLASS BUILT - DOT 111A100W</p> <p>C. CLASS STENCIL - DOT 111A100W-1</p> <p>D. SHELL AND HEAD MATERIAL - AAR TC-128, GR B NORMALIZED</p> <p>E. HEADS - 2:1 ELLIPTICAL, 0.4375" MIN THICK, 119" ID</p> <p>F. SHELL - 119" ID, 0.4375" THICK, 0.2181" TOP AND BOTTOM SLOPE</p> <p>G. TANK IS CONSTRUCTED TO WITHSTAND FULL VACUUM, BY APPLICATION OF THREE INTERNAL TANK STIFFENING RINGS.</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 36" DIA</p> <p>C. SPRINGS - AAR D-5 (3 11/16" TRAVEL)</p> <p>D. ROLLER TYPE SIDE BEARINGS</p> <p>24 5/8" DRAFT GEAR POCKET</p> <p>A. COUPLERS - AAR SE60DE</p> <p>B. COUPLER YOKES - AAR SY40AE</p> <p>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.</p> <p>9. HANDBRAKE ----- AAR APPROVED VERTICAL WHEEL UNIT WITH AAR NO. 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. ESTIMATED LT WT ----- 71,000 POUNDS</p> <p>13. CENTER OF GRAVITY ----- 89.9" LOADED</p> <p>14. CURVE NEGOTIATIONS:</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) ----- 248 FT</p> <p>COUPLED CAR (STANDARD CAR ON CURVE, TANK ON TANGENT) ----- 156 FT</p> <p>COUPLED CAR (TWO LIKE CARS) ----- 251 FT</p> <p>MINIMUM RADIUS OF TRACK CURVATURE - VERTICAL CURVES:</p> <p>UNCOUPLED CAR ----- 602 FT</p> <p>COUPLED CAR (TANK CAR ON CURVE, STANDARD CAR ON TANGENT) ----- 726 FT</p> <p>OR TWO LIKE CARS ----- 726 FT</p> <p>COUPLED CAR (STANDARD CAR ON CURVE, TANK CAR ON TANGENT) ----- 500 FT</p> |
|---|--|--|

**TRINITY PARTS AND COMPONENTS, LLC
CONFIDENTIAL/PROPRIETARY INFORMATION**

A	JCB	9-29-99	REMOVED NOZZLE DIMENSIONS
REV	BY	DATE	REVISION
A.A.R. APPLICATION NO.			
FILE:			
UNLESS OTHERWISE SPECIFIED ON THIS DRAWING THE FOLLOWING TOLERANCES SHALL APPLY, SEE D-145000 FOR ADDITIONAL TANK CAR TOLERANCES. FRACTIONS MACHINED ±1/64" (0.016")			
ALL OTHERS: (1" to 2") ±1/16", (2" to 10") ±1/8", (10" to 20") ±1/4", (OVER 20") ±1/2"			
DECIMALS: 3 PLACE ±0.005, 2 PLACE ±0.03, 1 PLACE ±1			
ANGLES: MACHINED ±1/2 DEG, ALL OTHERS ±1 DEG.			
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. 1999			
DRAWN	JUH	8-20-99	
CHKD	JCB	8-23-99	
APPD	KHB	8-23-99	
1st FILE	9965		
NLA			
WEIGHT			
DRAWING NO:		D-41290	
SHEET	1	REV	A
OF	1	SIZE	D

GENERAL ARRANGEMENT

34,500 NOM CAPACITY
DOT 111A100W, 119" ID, STB, NC AND NI