

## 3281 Cubic Foot Capacity Hopper Car

## Superior Silica Sands, LLC

LO-3281-21361

Extreme Width

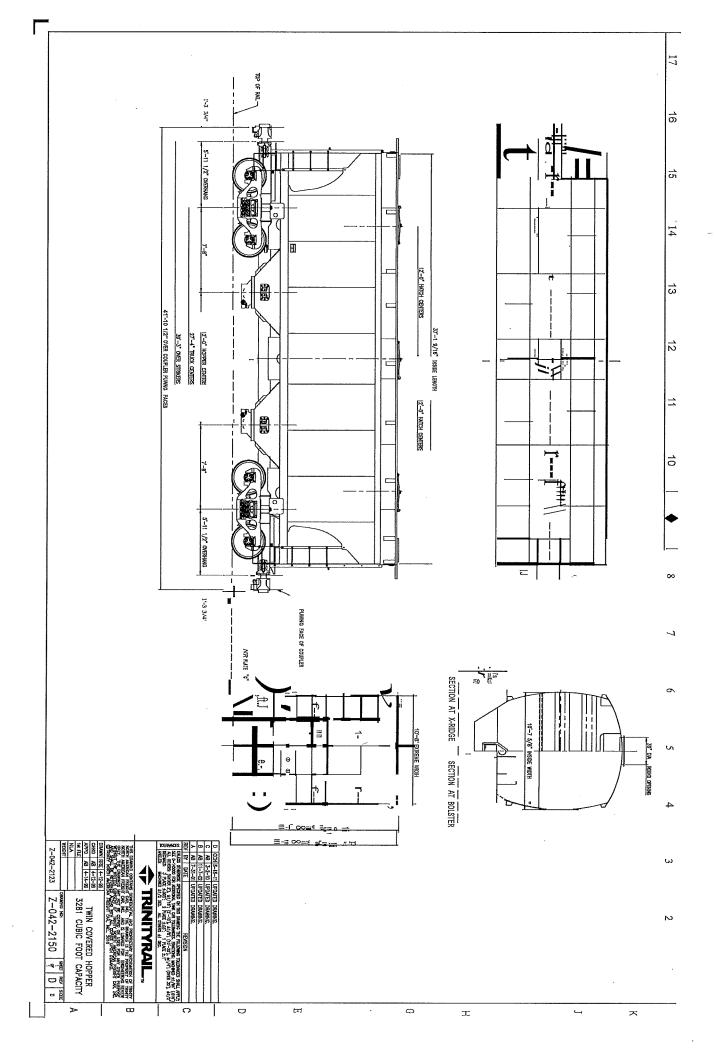
Extreme Height
Clearance Diagram, AAR
Capacity, Cubic Feet TrinityRall's railcar designs meet the requirements of paragraph 2.1.2.2 of Section C, Parl I, Manual of Standards and Recommended Practices, Weight and Axle Spacing Criteria, however, Individual Capacity in Tons
Innage/Fill Factor, %
Optimal Commodity Density REPORTING MARKS & QTY: Car Serial Number - Low Car Serial Number - High Curv., Vert., Coupled To Base Car Load Limit @ GRL Light Weight, Ibs, est.
Maximum Gross Rail Load, Ibs Inside Length 37'-1 9/16" Length over Coupler Pulling Faces 41'-10 1/2" Ref Drawing Number Curv., Vert., Uncoupled Curv., Horiz., Coupled To Base Car Curv., Horiz., Uncoupled Truck Centers nside Width inalizing the specification. ailroads may have additional gross rail mitations for specific routes. The car wher/lessee should resolve these issues ith the handling railroad(s) prior to 10'-7 5/8" 10'-8" 15'-4" "C" 1650'-0" 2-042-2150 1,-7 Me. Braking Ratio-Loaded
Braking Ratio-Empty
Braking Ratio-Handbrake Axles Roller Bearings Brake Shoes Brake Shoe Keys Roller Bearing Retainer Keys Truck Bolster:
Center Plate Liners, Vert/Horiz
Stabilizers Brake Cylinder Size Brake Beam Truck Side Frame: Adapters Yokes Truck Side Bearing Truck Springs Couplers ype of Brakes 3rake Beam Wr Plt edestal Roof Liners oupler Carrier Wear Plate 6-1/2" x 9", per AAR M-976
Gr "B+" Steel to AAR M-203 & M-210
Gr "B+" Steel to AAR M-202, M-210 & S-305
1-3/4" x 16" dia net, SST welded/Manganese
AAR M-976 Approved None Const Contact Long Travel AAR No. 24 Metallic AAR 2" Comp AAR Manganese steel AAR M901E Slope Sheet Mounted Canister, 40%

AAR automatic, double acting

Group "N", Long Release Handle, Sheave Wheel Min 10% AAR SBE60EE, M & T Min 11%, Max 14% Min 15%, Max 32% D5, 3-11/16" travel AAR M-101 Grade "F", 6-1/2" x 9", 3 1/2" x 12" AAR NFL, Class "K", 6-1/2" x 9" TI'-1 SIIC, MOOU TOND SHELLOW EDAGEN ...... 0 Standard Forge Sale Browns Outlet Model discretion to select vendors based on best available price and delivery. This specification may include items without a specific vendor designated. -loors, Upper **latch** Cover latch Cover Arrgt Exterior loors, Lower Interior 1.57 7.1 שו פשונ די 400 Bolted, Gravity Slide, MKE-10513 Miner Fully Powder Coated Steel, Dual Hinge Arrgt Sweep Clean SSPC-SP6 Three, Round, 30" Diamete 15'-4" ETTEME HOOF OF OR 15'-6' ETTEDE HEGH MR RJ "C" Discharge Frame
Dist, Frame to Rail
Discharge Opening Hatch Battens
Hatch Cover Gaskets
Hatch Locks Outside Hopper Center Partition Hatch Hardware Exterior Interior In those 44°/40° None
Compression type, ATP
"Azee", mild steel, 30149, IRECO 13" x 42" Nominal None Waterbased, Gray Plated steel Galvanized Steel, 8"x 60 RFQ Release cases Trinity will maintain the REVISION/DATE/ENGR: 1/11/2014, CCH Illustration for reference on

33 33 39 39 28 27 28 28 22 22 22 29 19 19 17 16 15 14 15 15

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