

# RAIL CLAMP APPLICATION DATA SHEET

(One Sheet per Machine Model - Specify Metric or Imperial Units)



Customer: \_\_\_\_\_ Date: \_\_\_\_\_ Ref. No. \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State/Prov./County: \_\_\_\_\_ Zip: \_\_\_\_\_

Attention: \_\_\_\_\_ Tel: ( ) \_\_\_\_\_ Fax: ( ) \_\_\_\_\_

Quote by: \_\_\_\_\_ Order will be placed by: \_\_\_\_\_ Req'd Delivery: \_\_\_\_\_

**Machine:** Container Crane      Bridge Crane      Stacker/Reclaimer      Ship unloader  
Gantry Crane      Stacker      Ore Bridge      Conveyor Tripper  
Portal Crane      Reclaimer      Shiploader      Trolley/Shuttle

Other: \_\_\_\_\_

No. Identical Machines Involved \_\_\_\_\_ Retrofit      Replacement      New Installation

Original Manufacturer \_\_\_\_\_ Model No. \_\_\_\_\_ No. Wheels \_\_\_\_\_

**Wind:** Location: \_\_\_\_\_ Wind Exposure (A-D) \_\_\_\_\_

Holding force req'd, lb or N \_\_\_\_\_ Wind speed, mph or m/sec \_\_\_\_\_

Existing Travel Brakes, lb or N \_\_\_\_\_ Exclude from      Include in Holding Force

Sail Area perpendicular to rails, ft<sup>2</sup>/m<sup>2</sup> \_\_\_\_\_ Pressure Centre Height \_\_\_\_\_ Shape Fctr \_\_\_\_\_

**Rail:** ASCE      ARA-A      ARA-B      NYC      PS      PRR  
Crane Rail      DIN      BSC      RODANGE      RUSSION      JAPANESE

Designation/No. \_\_\_\_\_ Head Width \_\_\_\_\_ Wt, lb/yd or kg/m \_\_\_\_\_

Curve Radius \_\_\_\_\_ ft/m      Grade \_\_\_\_\_ %      Gaps/Switches/Frogs      Welded      Bolted Splices

**Rail Clamps:** Rail Trough Width \_\_\_\_\_ in/m      Depth \_\_\_\_\_      Req'd Lateral Float +/- \_\_\_\_\_ in./mm

Mounting: Truck-end      Sill Beam      Flange      Other \_\_\_\_\_      No. Locations \_\_\_\_\_

Clearances, in./mm: Top of Rail to Underside of Sill/Equalizer \_\_\_\_\_ Between Wheels \_\_\_\_\_

**Actuation:** Spring-set, hydraulic release      Spring-set, air release      Electromechanical      Manual

**Power Units:** Hydraulic      Air      Separate      Integral      Existing      Other \_\_\_\_\_      Qty. \_\_\_\_\_

Release Time (JIL Std 6 sec. max) \_\_\_\_\_ Set Time Delay \_\_\_\_\_      Pressure      Electrical

**Electrical:** NEMA 4      Explosion-Proof      Other \_\_\_\_\_      Components Prewired

**Optional:** Bumper mount for Truck-Mount Rail Clamps      Match-drilled mounting flange      Enclosure Doors

Quick-release Hyd. Power Units      Power Unity Enclosure      Release handpump      Roller Guide Yokes

Extended Lateral Float +/- \_\_\_\_\_ in./mm      Extra User Manuals \_\_\_\_\_      Field Supervision

Limit switches required to indicate release/wear/other \_\_\_\_\_ Qty \_\_\_\_\_ Type \_\_\_\_\_

Non-std. Caliper mat'ls/coatings: \_\_\_\_\_

Codes/Standards: \_\_\_\_\_ F.S. \_\_\_\_\_

Ambient temperature, C°/F° \_\_\_\_\_ Max. \_\_\_\_\_ Min. \_\_\_\_\_ Humidity, % \_\_\_\_\_

Atmosphere/Environment: \_\_\_\_\_

Available power: Main \_\_\_\_\_ Volt \_\_\_\_\_ Ph \_\_\_\_\_ Hz; Control \_\_\_\_\_ Volt \_\_\_\_\_ Ph \_\_\_\_\_ Hz

Air - \_\_\_\_\_ psi \_\_\_\_\_ cfm \_\_\_\_\_ kPa \_\_\_\_\_ lpm

Hyd - \_\_\_\_\_ psi \_\_\_\_\_ usgm \_\_\_\_\_ kPa \_\_\_\_\_ lpm

Remarks and Special Considerations: \_\_\_\_\_

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