

# Hillmar

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**RAIL CLAMP RPTM050**  
**CTHV-LH-400-050-W10-RP**  
**SPECIFICATION SHEET**  
**SLS & MKTG**  
**ENGLISH**

Company / Project Reference:

Date.:

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Sheet Number:

Job Number:

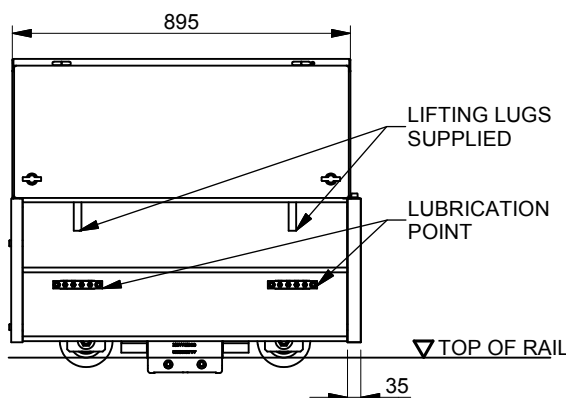
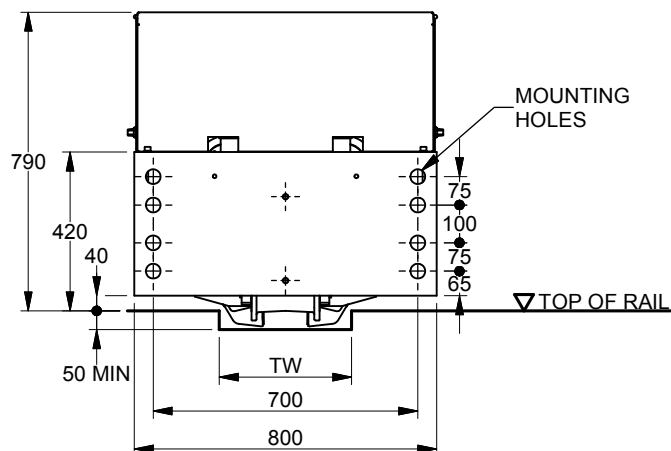
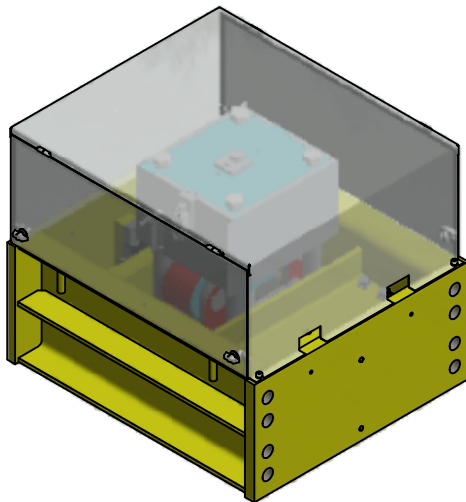
Form Number:

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Inventor Drawing



| FEATURE                 | CODE    |
|-------------------------|---------|
| Rail Clamp type         | CTHV-LH |
| Holding force           | 400     |
| Coefficient of friction | 050     |
| Wedge                   | W10     |
| No power unit           | RP      |

|                      |                        |
|----------------------|------------------------|
| Example for ordering | CTHV-LH-400-050-W10-RP |
|----------------------|------------------------|

#### TECHNICAL DATA

|                                        |                    |
|----------------------------------------|--------------------|
| Nominal holding force (kN)             | 400                |
| Standard release pressure (MPa)        | 13.3               |
| Maximum operating pressure (Mpa)       | 14.75              |
| Cylinder volume (full stroke) (cm3)    | 633                |
| Cylinder volume (working stroke) (cm3) | 559                |
| Mounting holes                         | 8 x Ø39            |
| Mounting bolts                         | 8 x M36 CL 8.8     |
| Approximate weight (kg)                | 900                |
| Mechanism - horizontal float (mm)      | ±25                |
| Mechanism - vertical float (mm)        | ±25                |
| Hydraulic connection                   | -6 37° JIC         |
| Shipping crate (L x W x H) (mm)        | 1200 x 1000 x 1000 |

#### NOMINAL SPECIFICATION

Spring set - Hydraulically released device.

Control voltage electrical junction box connection to be drilled to suit requirements by customer.

| RAIL WIDTH (mm) | MINIMUM TROUGH WIDTH TW (mm) |
|-----------------|------------------------------|
| 71 - 95         | 315                          |
| 96 - 119        | 350                          |
| 120 - 135       | 360                          |
| 136 - 150       | 380                          |

#### NOTES

All figures are nominal figures only.

All dimensions are in millimeters.

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\*\* ALL TECHNICAL DATA IS SUBJECT TO CHANGE WITHOUT NOTICE \*\*

Hillmar works have a fully registered ISO 9001-2008 quality assurance programme (QCB #01-1525)

**Storm Brakes • Thruster Disc Brakes • Thruster • Industrial Disc Brakes • Hydraulic Power Units • Cable Reels**

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