

# Hillmar

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**RAIL CLAMP TSHS**  
**CTHV-TSHS-060-050LE-037PR2**  
**SPECIFICATION SHEET**  
**SLS & MKTG**  
**ENGLISH**

Company / Project Reference:

Date.:

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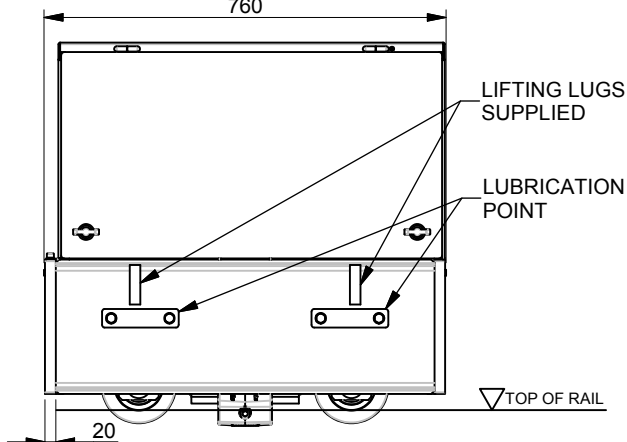
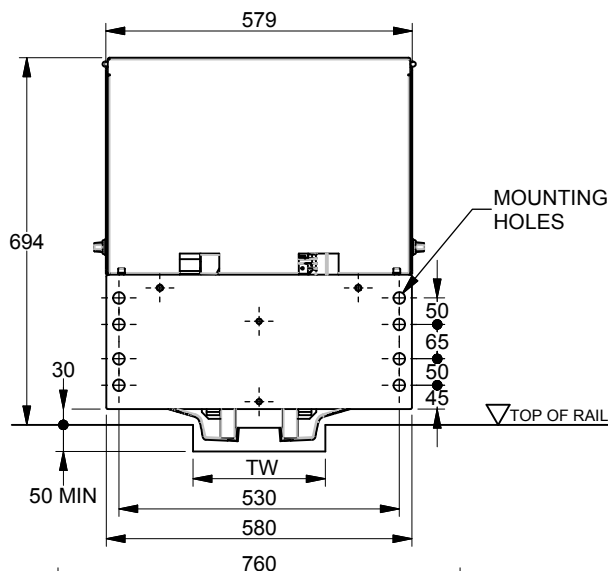
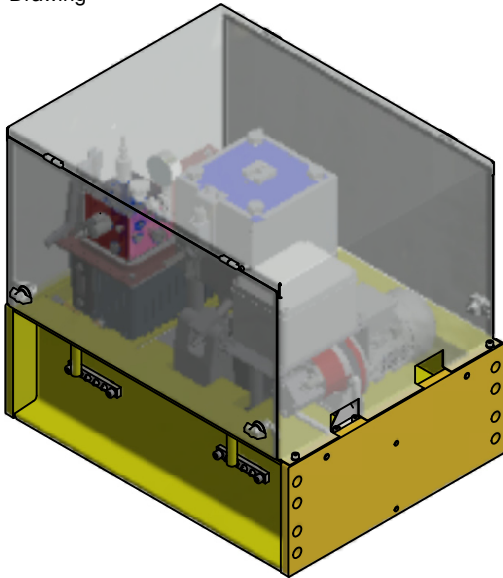
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Inventor Drawing



| FEATURE                 | CODE      |
|-------------------------|-----------|
| Rail Clamp high speed   | CTHV-TSHS |
| Holding force           | 060       |
| Coefficient of friction | 050       |
| Power unit              | LE        |
| Motor - pump            | 037PR2    |

|                      |                            |
|----------------------|----------------------------|
| Example for ordering | CTHV-TSHS-060-050LE-037PR2 |
|----------------------|----------------------------|

#### TECHNICAL DATA

|                                                     |                  |
|-----------------------------------------------------|------------------|
| Nominal holding force (kN)                          | 60               |
| Standard release pressure (MPa)                     | 7.3              |
| Maximum operating pressure (Mpa)                    | 8.75             |
| Cylinder volume (full stroke) (cm <sup>3</sup> )    | 158              |
| Cylinder volume (working stroke) (cm <sup>3</sup> ) | 140              |
| Release time (s)                                    | 2-3              |
| Mounting holes                                      | 8 x Ø22          |
| Mounting bolts                                      | 8 x M20 CL 8.8   |
| Approximate weight (kg)                             | 280              |
| Mechanism - horizontal float (mm)                   | ±25              |
| Mechanism - vertical float (mm)                     | ±25              |
| Shipping crate (L x W x H) (mm)                     | 1100 x 900 x 950 |

#### NOMINAL SPECIFICATION

Spring set - Hydraulically released device.

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

Manual release by integrally mounted hydraulic handpump.

| RAIL WIDTH (mm) | MINIMUM TROUGH WIDTH TW (mm) |
|-----------------|------------------------------|
| 40 - 70         | 250                          |
| 71 - 95         | 250                          |
| 96 - 120        | 280                          |

#### 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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