

Marino\WARE® Product Submittal Data

PRODUCT NAME: 3/4" Cold Rolled Channel (CRC)

MARINO\WARE PART # 034CU16

PROPERTIES:

| | | | |
|-------------------------|-----|--------------------------------|--------|
| A. (in) | 3/4 | Yield Strength Fy (KSI) | 50 |
| B. (in) | 1/2 | Mils | 54 |
| Available Finish | G90 | Gauge | 16 |
| | | Design Thickness (in) | 0.0566 |
| | | Minimum Thickness (in) | 0.0538 |

SECTION PROPERTIES

GROSS SECTION PROPERTIES

| | |
|---|-------|
| Cross Sectional Area: A (in ²) | 0.087 |
| Weight of Member: (lb/ft) | 0.30 |
| Moment of Inertia: Ix (in ⁴) | 0.007 |
| Radius of Gyration: Rx (in) | 0.288 |
| Gross Moment of Inertia: Iy (in ⁴) | 0.002 |

EFFECTIVE SECTION PROPERTIES

| | |
|--|-------|
| Radius of Gyration: Ry (in) | 0.155 |
| Moment of Inertia-Deflection: Ix (in ⁴) | 0.007 |
| Section Modulus: Sx (in ³) | 0.019 |
| Allowable Bending Moment: Ma (in-k) | 0.45 |
| Allowable strong axis shear: Va (lb) | 315 |

CODES & STANDARDS

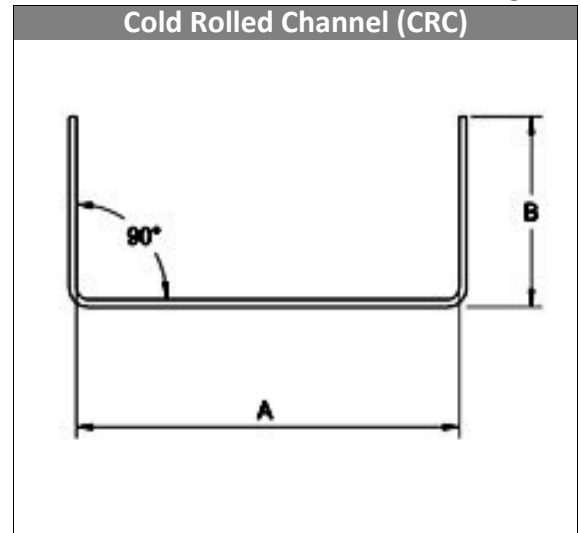
- AISI S100-07 compliant
- ASTM C 955 compliant
- Galvanized steel sheet meets ASTM A 1003 & A 653

GREEN INFO

- LEED v3 & LEED v4 credits available
- Contact Technical Services for more information

05.40.00 Cold Formed Metal Framing

Cold Rolled Channel (CRC)



www.marinoware.com

For more information, please contact Marino\WARE Technical Services at 866-545-1545.

This technical information reflects the most current information available and supersedes any and all publications, effective 12/1/2016
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