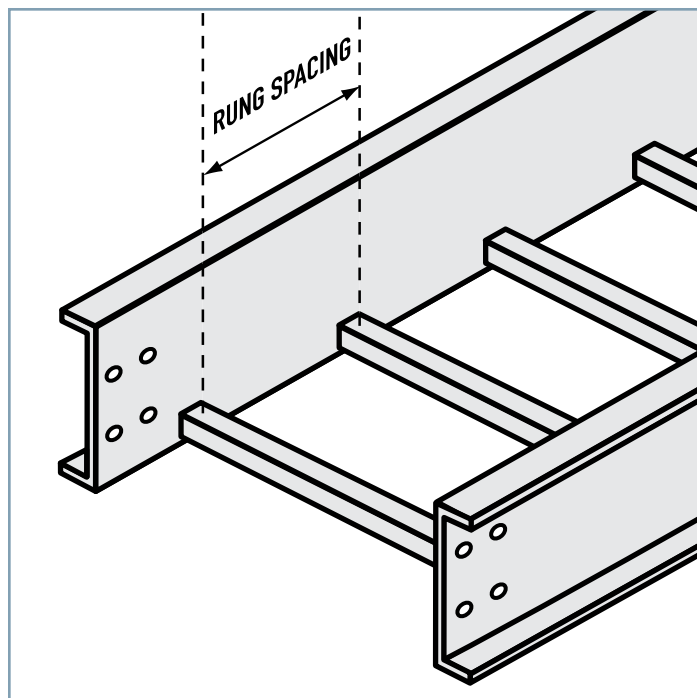


AISI Type 316L

**T**

### GENERAL INFORMATION

|                        |                                   |
|------------------------|-----------------------------------|
| <b>NEMA TRAY TYPE:</b> | Two Rail Ladder                   |
| <b>NEMA CLASS:</b>     | 20B, 16C                          |
| <b>MATERIAL:</b>       | AISI Type 316L<br>Stainless Steel |
| <b>SIDE RAIL:</b>      | 4" high with<br>1 3/4" top flange |
| <b>LOAD DEPTH:</b>     | 3"                                |
| <b>BOTTOM:</b>         | 1" wide box rung                  |
| <b>FINISH:</b>         | Plain                             |
| <b>CONSTRUCTION:</b>   | Arc welded                        |
| <b>TRAY SERIES:</b>    | Series 2 (5" tangent)             |

### ENGINEERING INFORMATION

**TRAY DESIGN:** Construction and markings are per the latest edition of NEMA Standards Pub. VE1.

**TRAY GROUNDING CAPABILITY:** None. The N.E.C. does not recognize stainless steel cable tray as an equipment ground conductor.

**CONNECTORS:** Supplied in pairs with hardware. Splice resistance is less than 0.00033 ohms. Standard hardware: 3/8 in. type 316 stainless steel.

#### MECHANICAL PROPERTIES:

One rail:  $I_{x-x} = 1.3781 \text{ in}^3$   $S_{x-x} = 0.7984 \text{ in}^4$

| TRAY WIDTH (IN.) | TRAY WEIGHT* (LBS./FT.) |
|------------------|-------------------------|
| 6                | 4.48                    |
| 9                | 4.65                    |
| 12               | 4.82                    |
| 18               | 5.16                    |
| 24               | 5.50                    |
| 30               | 6.36                    |
| 36               | 6.81                    |

\*Based on 9" rung spacing

| SAFE LOAD DATA (LBS./FT.) / SUPPORT SPAN (FT.) / DEFLECTION (IN.) |            |            |            |            |            |           |           |           |           |    |    |    |
|-------------------------------------------------------------------|------------|------------|------------|------------|------------|-----------|-----------|-----------|-----------|----|----|----|
| 6                                                                 | 8          | 10         | 12         | 14         | 16         | 18        | 20        | 22        | 24        | 26 | 28 | 30 |
| 564   0.24                                                        | 469   0.62 | 300   0.97 | 208   1.39 | 153   1.89 | 117   2.47 | 93   3.13 | 75   3.70 | 86   4.60 | 48   5.13 |    |    |    |

### CATALOG NUMBERING EXAMPLE:

| 09-3D58-0020-36         |                           |                         |              |
|-------------------------|---------------------------|-------------------------|--------------|
| <b>Bottom Type</b>      | <b>Tray System Number</b> | <b>Length</b>           | <b>Width</b> |
| 06 - 6" Rung Spacing    |                           | 0010 - 10'-0"           | 06 - 6"      |
| 09 - 9" Rung Spacing*   |                           | 0012 - 12'-0"           | 09 - 9"      |
| 12 - 12" Rung Spacing   |                           | 0020* - 20'-0"          | 12 - 12"     |
| 18 - 18" Rung Spacing   |                           | 0024 - 24'-0"           | 18 - 18"     |
| * Standard rung spacing |                           | * Standard for Series 2 | 24 - 24"     |
|                         |                           |                         | 30 - 30"     |
|                         |                           |                         | 36 - 36"     |

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Publication Date: 3/10

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