



AISI Type 316L



GENERAL INFORMATION

NEMA TRAY TYPE: Two Rail Ladder
NEMA CLASS: 20B, 16C
MATERIAL: AISI Type 316L Stainless Steel
SIDE RAIL: 6" high with 1 3/4" top flange
LOAD DEPTH: 5"
BOTTOM: 1" wide box rung
FINISH: Plain
CONSTRUCTION: Arc welded
TRAY SERIES: 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: $I_{x-x} = 2.7718in^3$ $S_{x-x} = 1.0001in^4$

| TRAY WIDTH (IN.) | TRAY WEIGHT* (LBS./FT.) |
|------------------|-------------------------|
| 6 | 4.42 |
| 9 | 4.60 |
| 12 | 4.77 |
| 18 | 5.11 |
| 24 | 5.45 |
| 30 | 6.31 |
| 36 | 6.75 |

*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 | 0.12 | 469 | 0.32 | 300 | 0.51 | 208 | 0.73 | 153 | 0.99 | 117 | 1.30 | 93 | 1.64 | 75 | 2.03 | 61 | 2.42 | 48 | 2.70 | | | | |

CATALOG NUMBERING EXAMPLE:

09 - 3F66 - 0020 - 36

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

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