

NPVG 10 XB 003 S0

Date 4/28/2022

End Fittings

Tower End Fitting: Gain Base VB-08/ 90 deg / Galv. Ductile Iron

Line End Fitting: Vertical Trunnion / Galv. Ductile Iron

Material

Mounting Angle: 90 deg
 Number of Sheds: 3
 Rod Diameter: 1.50 in
 Weight Estimate: 14.3 lbs 6.5 kg

Dimensional Values

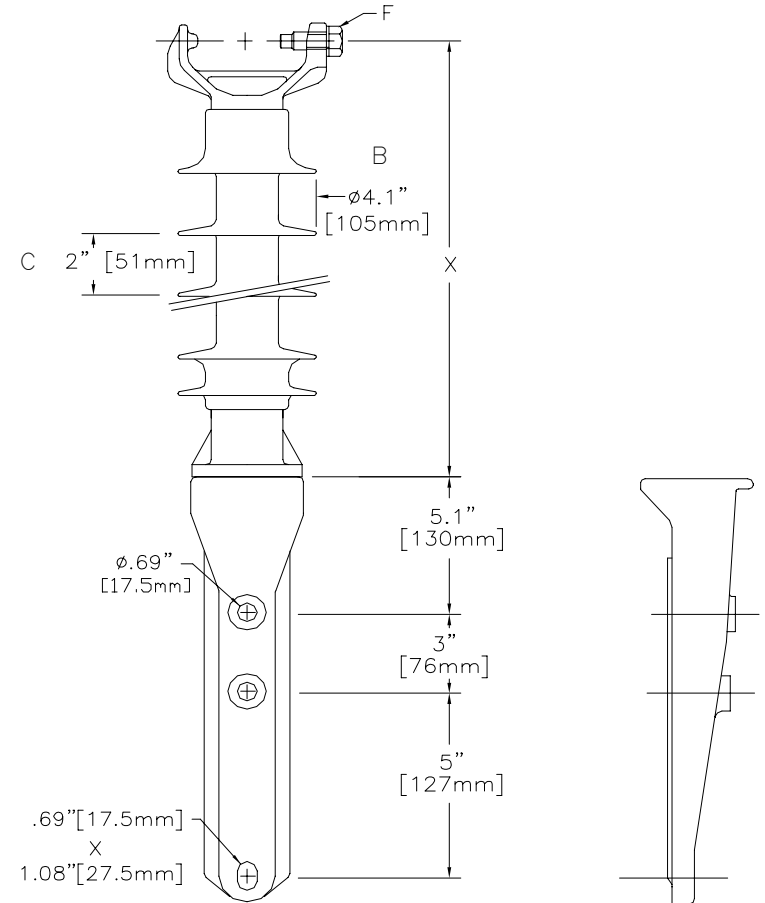
Section Length (X): 10.9 in 277 mm
 Shed Diameter (B): 4.1 in 105 mm
 Shed Spacing (C): 2.0 in 51 mm
 Trunnion Bolt (F): 5/8 in - 11 bolt & lockwasher
 Dry Arc Distance: 7.2 in 183 mm
 Leakage Distance: 11.3 in 288 mm

Electricals Values

60 Hz dry Flashover:	86 kV	Min. Withstand	81 kV
60 Hz Wet Flashover:	66 kV	Min. Withstand	50 kV
Pos. Critical Impulse Flashover:	146 kV	Min. Withstand	126 kV
Neg. Critical Impulse Flashover:	193 kV	Min. Withstand	151 kV

Mechanical Values

Specified Tensile Load (STL):	5,000 lbs	22.2 kN
Max. Design Cant. Load (MDCL):	1,235 lbs	5.5 kN
Specified Cant. Load (SCL):	2,470 lbs	11.0 kN



Dimension: inches [millimeters]

NOTE: Drawing not actual depiction of insulator appearance

Silicone Rubber Sheath & Sheds. Complies with applicable ANSI and IEC standards.

Notes:

Prepared By: Stephen Lucci

This drawing contains confidential information that is the property of MacLean Power, L.L.C. ("MacLean"). Use of MacLean's confidential information without MacLean's express written consent is strictly prohibited and may expose you to legal liability. If you believe that you received this material in error, please destroy it or return it to "MacLean Power, L.L.C., 7801 Park Place Rd., York, South Carolina 29745, USA."