

NPVG 20 XG O17 S0

Date 4/29/2022

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: 17
 Rod Diameter: 1.75 in
 Weight Estimate: 21.1 lbs 9.6 kg

Dimensional Values

Section Length (X): 26.0 in 661 mm
 Shed Diameter (B1): 4.1 in 105 mm
 Shed Diameter (B2): 4.7 in 120 mm
 Shed Spacing (C): 2.0 in 51 mm
 Trunnion Bolt (F): 5/8 in - 11 bolt & lockwasher
 Dry Arc Distance: 22.3 in 567 mm
 Leakage Distance: 54.0 in 1,372 mm

Electricals Values

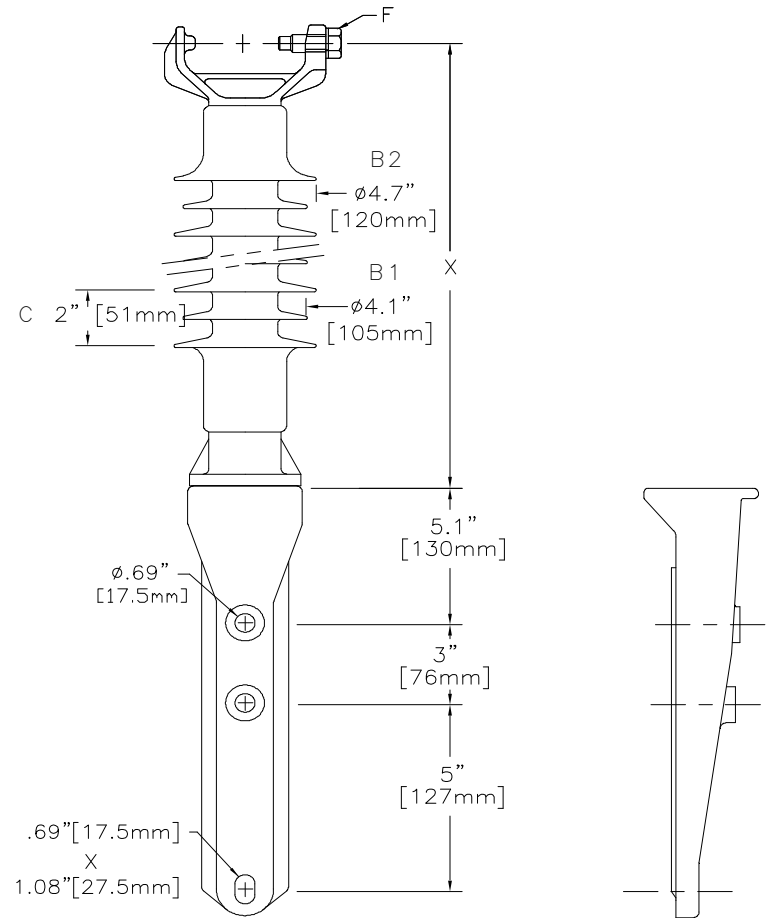
60 Hz dry Flashover:	224 kV	Min. Withstand	211 kV
60 Hz Wet Flashover:	203 kV	Min. Withstand	152 kV
Pos. Critical Impulse Flashover:	381 kV	Min. Withstand	328 kV
Neg. Critical Impulse Flashover:	472 kV	Min. Withstand	368 kV

Mechanical Values

Specified Tensile Load (STL):	5,000 lbs	22.2 kN
Max. Design Cant. Load (MDCL):	1,250 lbs	5.6 kN
Specified Cant. Load (SCL):	2,500 lbs	11.1 kN

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Notes:



Dimension: inches [millimeters]

NOTE: Drawing not actual depiction of insulator appearance

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

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