

MPS Catalog Number

NPKN 20 XG 009 S0

Date 4/29/2022

End Fittings

Tower End Fitting: Stud Base (P4 = 7/8" - 9) / 0 deg / Galv. Ductile Iron

Line End Fitting: Trunnion / Galv. Ductile Iron

Material

Mounting Angle: 0 deg

Number of Sheds: 9

Rod Diameter: 1.75 in

Weight Estimate: 10.3 lbs 4.7 kg

Dimensional Values

Section Length (X): 18.0 in 458 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

Minimum Diameter (Z): 0.79 in 21 mm

Dry Arc Distance: 14.3 in 364 mm

Leakage Distance: 30.6 in 778 mm

Electricals Values

60 Hz dry Flashover: 151 kV Min. Withstand 142 kV

60 Hz Wet Flashover: 131 kV Min. Withstand 98 kV

Pos. Critical Impulse Flashover: 255 kV Min. Withstand 219 kV

Neg. Critical Impulse Flashover: 329 kV Min. Withstand 257 kV

Mechanical Values

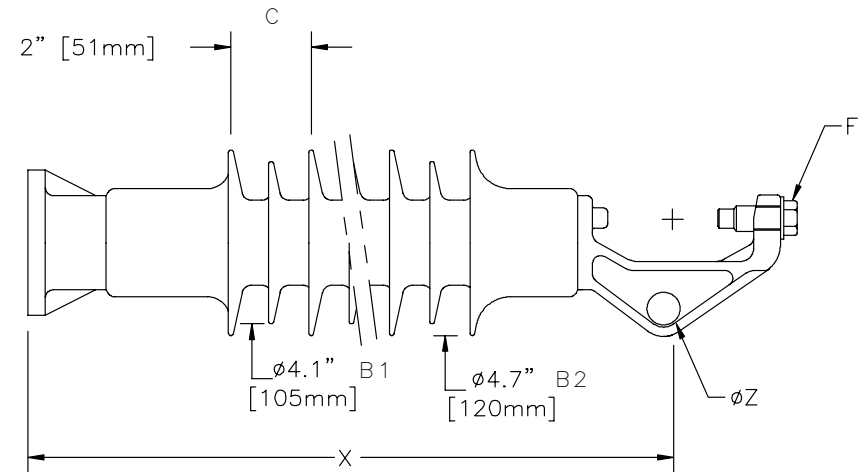
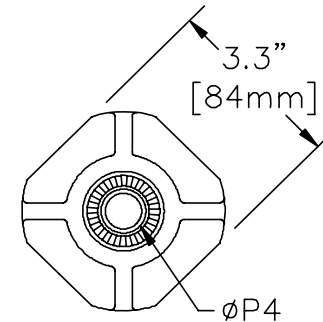
Specified Tensile Load (STL): 5,000 lbs 22.2 kN

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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