

MPS Catalog Number:

Date:

H3 90 10 082 CA SS 050

05/20/2021

End Fittings

Tower End Fitting:

Gain/12"-14" Hole Spacing

Anchor / Galv. Ductile Iron

Line End Fitting:

2 HL Drop Tongue / Galv. Ductile Iron

Material

Corona Ring (Tower):

None

Corona Ring (Line):

6" Corona Ring

Corona Rings are recommended for applications of 230 kV and above

Mounting Angle:

17 deg

Number of Sheds:

50

Rod Diameter:

3 in

Weight Estimate:

151.5 lbs

69 kg

Dimensional Values

Section Length (L):

93.9 in 2,385 mm

Rubber Length (X):

82 in 2,083 mm

Shed spacing (S):

1.6 in 41 mm

Shed Projection (P):

2.7 in 68 mm

Dry Arc Distance:

83.7 in 2,126 mm

Leakage Distance:

325.4 in 8,265 mm

Electricals Values

60 Hz dry Flashover (Min. Withstand):

763 kV 717 kV

60 Hz Wet Flashover (Min. Withstand):

691 kV 562 kV

CIFO Positive (Min. Withstand):

1342 kV 1180 kV

CIFO Negative (Min. Withstand):

1365 kV 1234 kV

Mechanical Values

Max. Design Cant. Load (MDCL):

1,598 lbs 7.1 kN

Specified Cant. Load (SCL):

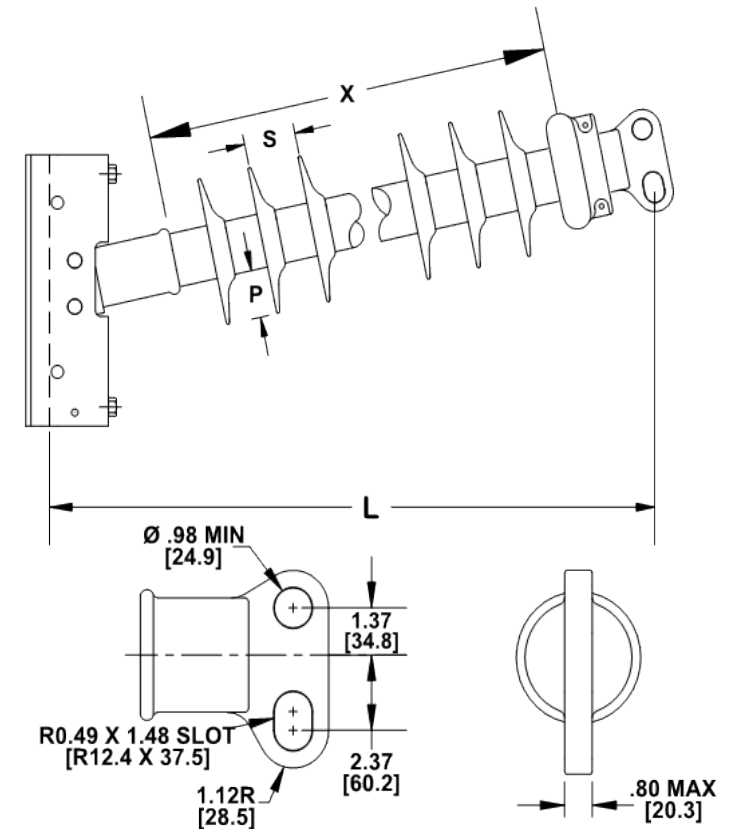
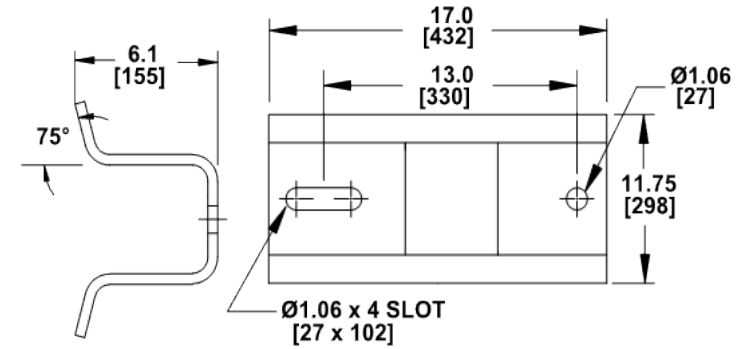
3,196 lbs 14.2 kN

Specified Tensile Load (STL):

20,000 lbs 89.0 kN

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Notes:



Dimension: inches [millimeters]

NOTE: Drawing not actual depiction of insulator appearance.

Silicone rubber sheath and sheds complies with applicable ANSI and IEC standards.

Prepared By: Laurel Wallace