

MPS Catalog Number:

Date:

H3 90 10 094 CA SS 057

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:

57

Rod Diameter:

3 in

Weight Estimate:

164.6 lbs

75 kg

Dimensional Values

Section Length (L):

105.3 in 2,675 mm

Rubber Length (X):

94 in 2,388 mm

Shed spacing (S):

1.6 in 41 mm

Shed Projection (P):

2.7 in 68 mm

Dry Arc Distance:

95.7 in 2,431 mm

Leakage Distance:

371.4 in 9,434 mm

Electricals Values

60 Hz dry Flashover (Min. Withstand):

864 kV 811 kV

60 Hz Wet Flashover (Min. Withstand):

773 kV 635 kV

CIFO Positive (Min. Withstand):

1519 kV 1335 kV

CIFO Negative (Min. Withstand):

1535 kV 1393 kV

Mechanical Values

Max. Design Cant. Load (MDCL):

1,396 lbs 6.2 kN

Specified Cant. Load (SCL):

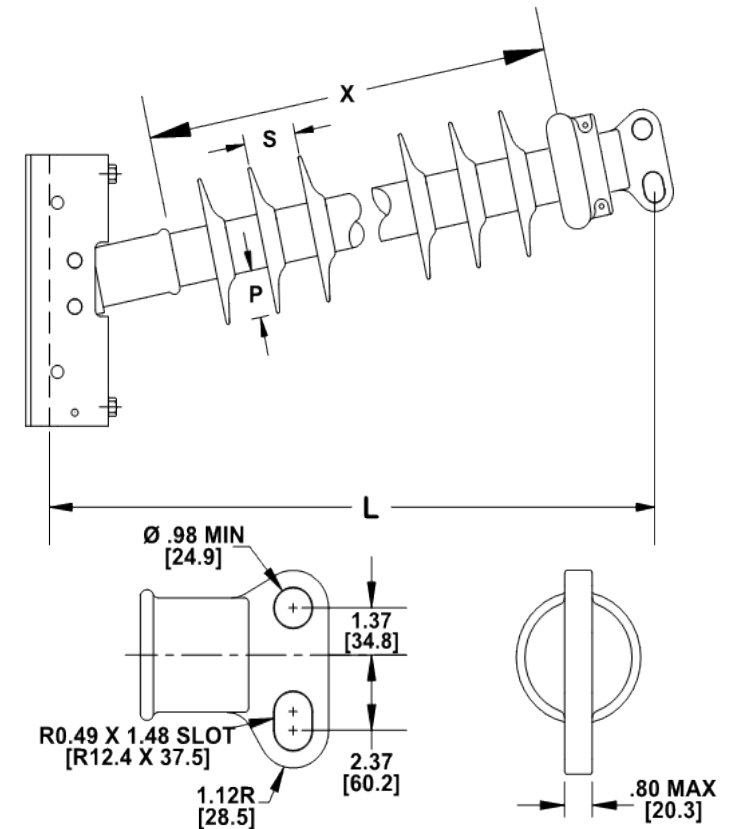
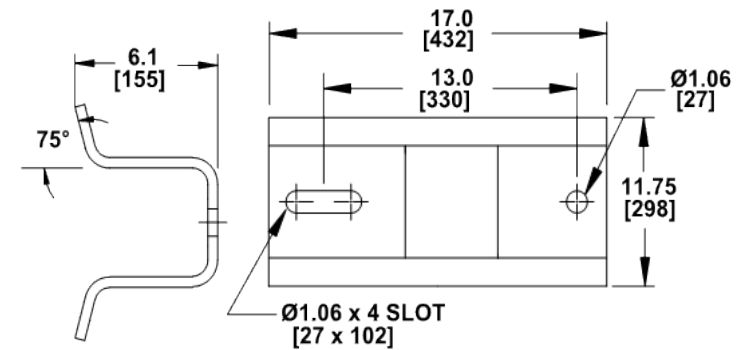
2,792 lbs 12.4 kN

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.

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