

MPS Catalog Number:

H2 90 10 082 AA SS 032

Date:

05/20/2021

End Fittings

Tower End Fitting:

Gain / 12 deg / Steel

Line End Fitting:

Anchor / Ductile Iron
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:

12 deg

Number of Sheds:

32

Rod Diameter:

2.5 in

Weight Estimate:

98 lbs

44 kg

Dimensional Values

Section Length (L):

91.4 in 2,322 mm

Rubber Length (X):

82 in 2,083 mm

Shed spacing (S):

2.5 in 64 mm

Shed Projection (P):

2.4 in 61 mm

Dry Arc Distance:

82.8 in 2,103 mm

Leakage Distance:

226 in 5,740 mm

Electricals Values

60 Hz dry Flashover (Min. Withstand):

756 kV 709 kV

60 Hz Wet Flashover (Min. Withstand):

685 kV 557 kV

CIFO Positive (Min. Withstand):

1328 kV 1169 kV

CIFO Negative (Min. Withstand):

1352 kV 1222 kV

Mechanical Values

Max. Design Cant. Load (MDCL):

967 lbs 4.3 kN

Specified Cant. Load (SCL):

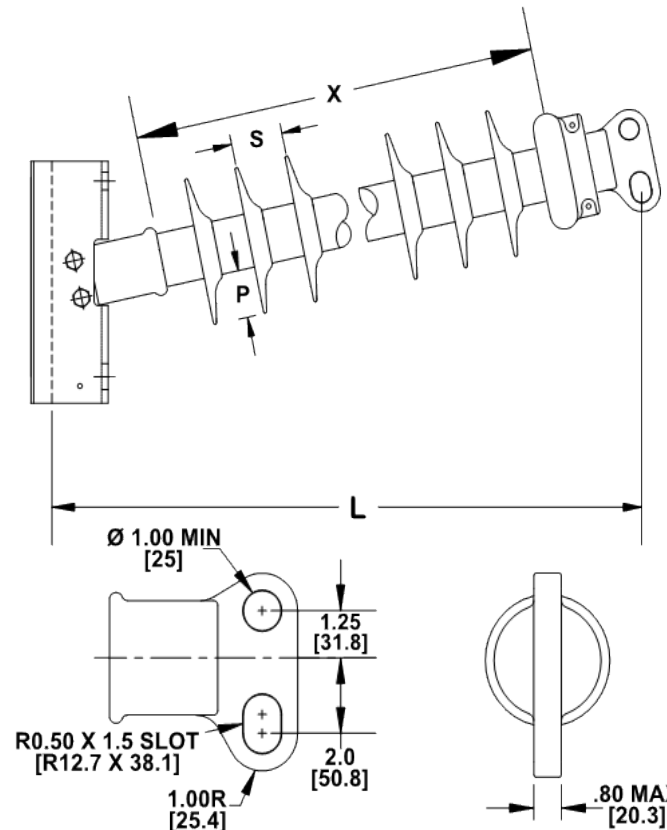
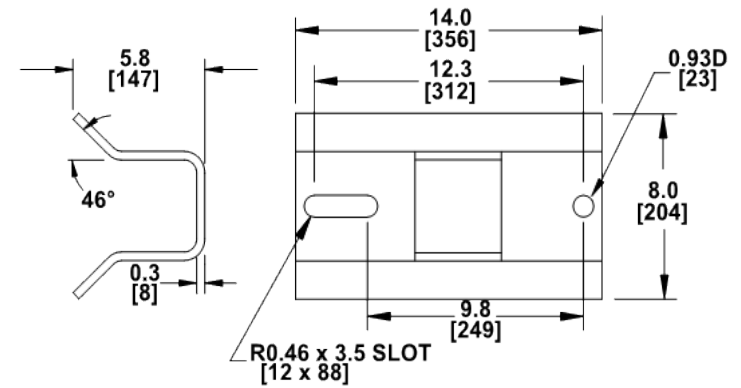
1,934 lbs 8.6 kN

Specified Tensile Load (STL):

15,000 lbs 66.7 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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