

MPS Catalog Number:

Date:

H1 90 10 034 AX SS 013

05/20/2021

End Fittings

Tower End Fitting:

Gain / 12 deg / Steel

Line End Fitting:

Anchor / Ductile Iron
2 HL Drop Tongue / Ductile Iron

Material

Corona Ring (Tower):

None

Corona Ring (Line):

None

Corona Rings are recommended for applications of 230 kV and above

Mounting Angle:

12 deg

Number of Sheds:

13

Rod Diameter:

2 in

Weight Estimate:

52.2 lbs

24 kg

Dimensional Values

Section Length (L):

43.7 in 1,110 mm

Rubber Length (X):

34 in 864 mm

Shed spacing (S):

2.5 in 64 mm

Shed Projection (P):

2.7 in 68 mm

Dry Arc Distance:

37 in 940 mm

Leakage Distance:

99.7 in 2,532 mm

Electricals Values

60 Hz dry Flashover (Min. Withstand):

357 kV 336 kV

60 Hz Wet Flashover (Min. Withstand):

331 kV 258 kV

CIFO Positive (Min. Withstand):

614 kV 549 kV

CIFO Negative (Min. Withstand):

701 kV 586 kV

Mechanical Values

Max. Design Cant. Load (MDCL):

1,027 lbs 4.6 kN

Specified Cant. Load (SCL):

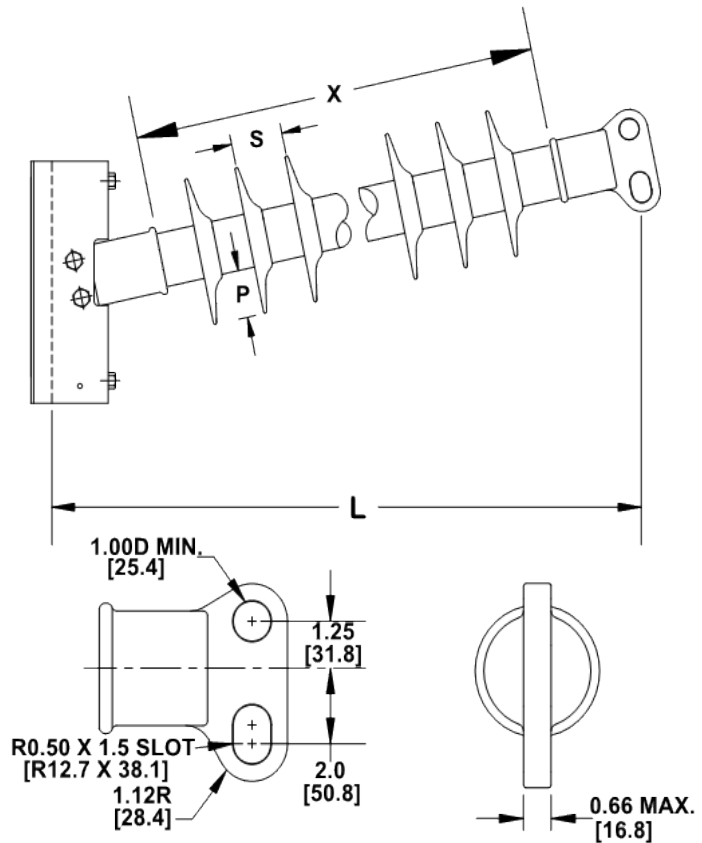
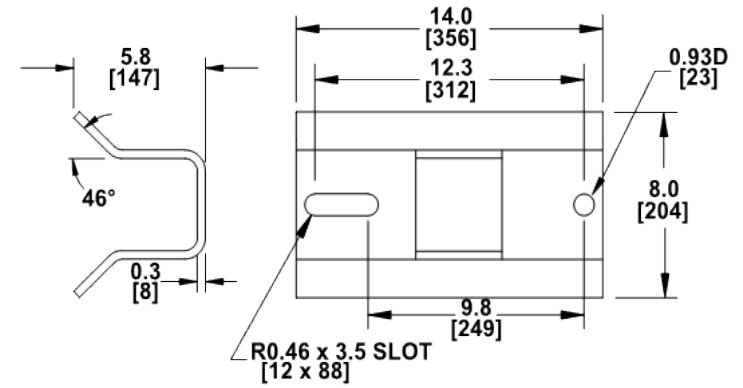
2,054 lbs 9.1 kN

Specified Tensile Load (STL):

7,000 lbs 31.1 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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