

MPS Catalog Number:

**H2 90 10 088 CA SS 053**

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:

53

Rod Diameter:

2.5 in

Weight Estimate:

114.2 lbs

52 kg

**Dimensional Values**

Section Length (L):

97.3 in      2,471 mm

Rubber Length (X):

88 in      2,235 mm

Shed spacing (S):

1.6 in      41 mm

Shed Projection (P):

2.4 in      61 mm

Dry Arc Distance:

88.8 in      2,256 mm

Leakage Distance:

326.5 in      8,293 mm

**Electricals Values**

60 Hz dry Flashover (Min. Withstand):

806 kV      757 kV

60 Hz Wet Flashover (Min. Withstand):

727 kV      593 kV

CIFO Positive (Min. Withstand):

1418 kV      1246 kV

CIFO Negative (Min. Withstand):

1438 kV      1302 kV

**Mechanical Values**

Max. Design Cant. Load (MDCL):

906 lbs      4.0 kN

Specified Cant. Load (SCL):

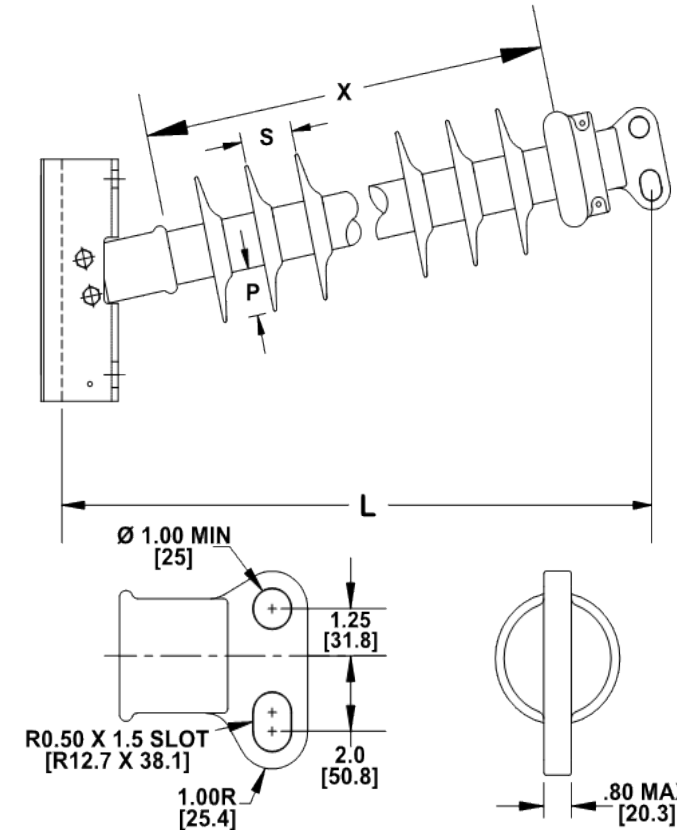
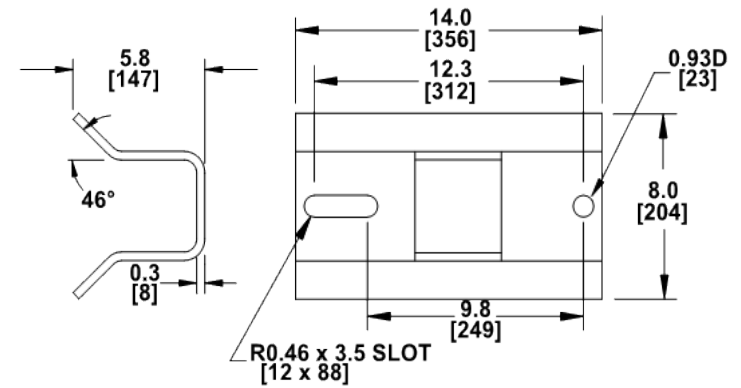
1,812 lbs      8.1 kN

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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