

MPS Catalog Number:

Date:

**H2 90 10 076 BX SS 037**

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):

None

Corona Rings are recommended for applications of 230 kV and above

Mounting Angle:

12 deg

Number of Sheds:

37

Rod Diameter:

2.5 in

Weight Estimate:

96.5 lbs

44 kg

**Dimensional Values**

Section Length (L):

85.6 in      2,174 mm

Rubber Length (X):

76 in      1,930 mm

Shed spacing (S):

2 in      51 mm

Shed Projection (P):

2.4 in      61 mm

Dry Arc Distance:

78.9 in      2,004 mm

Leakage Distance:

242.5 in      6,160 mm

**Electricals Values**

60 Hz dry Flashover (Min. Withstand):

723 kV      678 kV

60 Hz Wet Flashover (Min. Withstand):

657 kV      532 kV

CIFO Positive (Min. Withstand):

1269 kV      1118 kV

CIFO Negative (Min. Withstand):

1296 kV      1169 kV

**Mechanical Values**

Max. Design Cant. Load (MDCL):

1,018 lbs      4.5 kN

Specified Cant. Load (SCL):

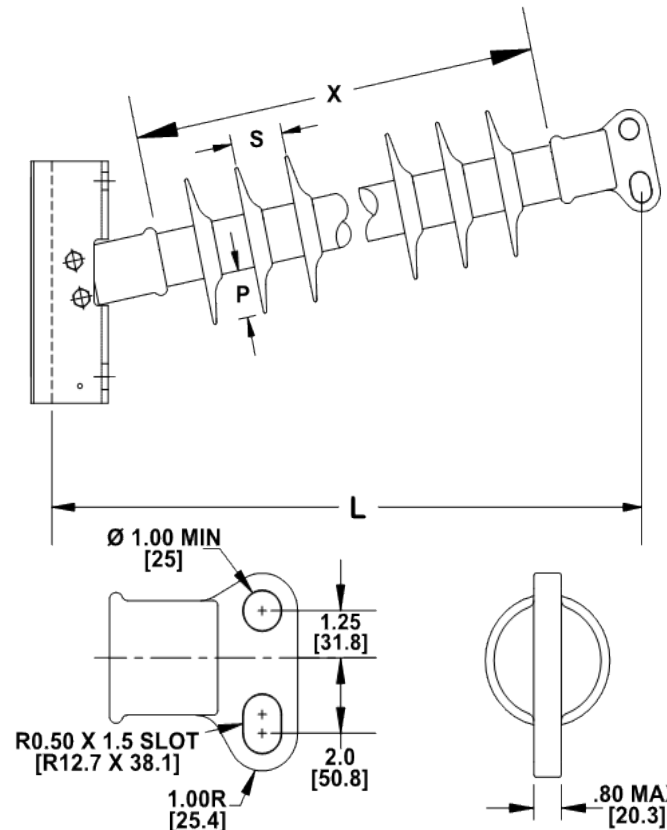
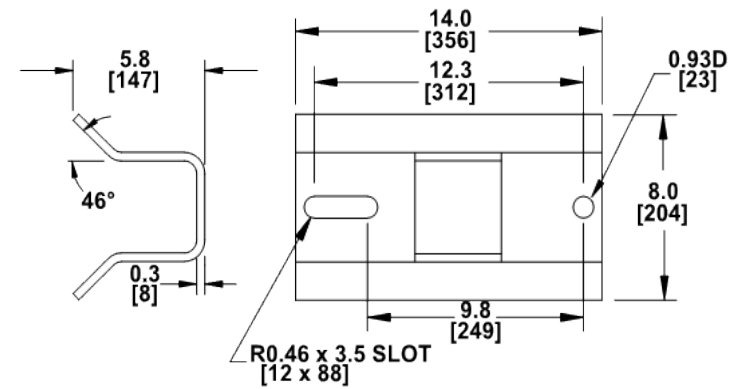
2,036 lbs      9.1 kN

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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