

MPS Catalog Number:

**H2 90 10 040 BX SS 019**

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):

None

Corona Rings are recommended for applications of 230 kV and above

Mounting Angle:

12 deg

Number of Sheds:

19

Rod Diameter:

2.5 in

Weight Estimate:

68.5 lbs

31 kg

**Dimensional Values**

Section Length (L):

50.4 in 1,280 mm

Rubber Length (X):

40 in 1,016 mm

Shed spacing (S):

2 in 51 mm

Shed Projection (P):

2.4 in 61 mm

Dry Arc Distance:

42.9 in 1,090 mm

Leakage Distance:

125.5 in 3,188 mm

**Electricals Values**

60 Hz dry Flashover (Min. Withstand):

410 kV 385 kV

60 Hz Wet Flashover (Min. Withstand):

380 kV 299 kV

CIFO Positive (Min. Withstand):

708 kV 631 kV

CIFO Negative (Min. Withstand):

782 kV 670 kV

**Mechanical Values**

Max. Design Cant. Load (MDCL):

1,871 lbs 8.3 kN

Specified Cant. Load (SCL):

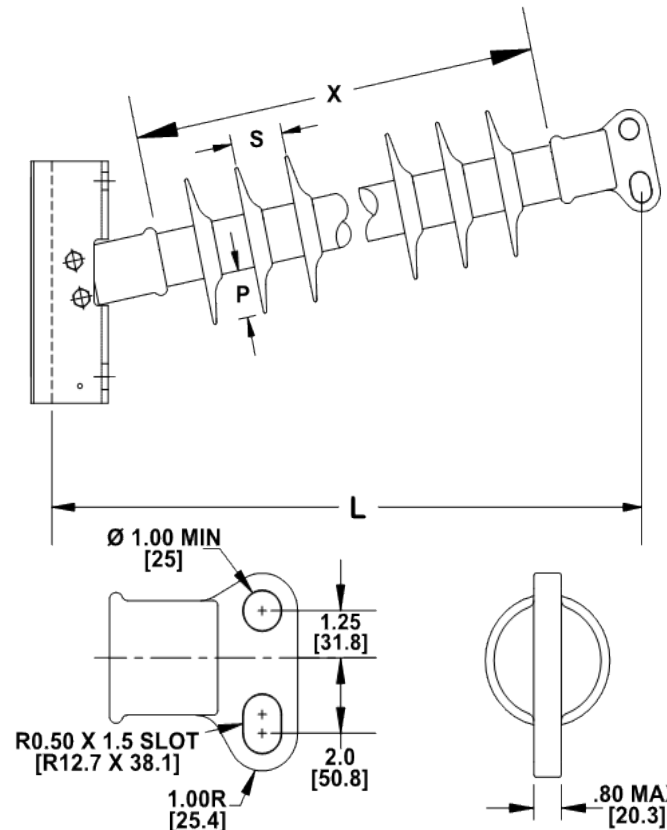
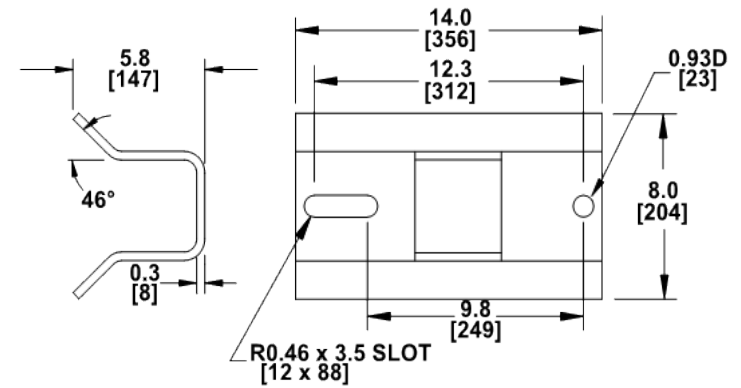
3,742 lbs 16.6 kN

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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