

MPS Catalog Number

**H2 90 10 023 MX SS 012**

Date: 03/22/2022

**End Fittings**

Tower End Fitting:

Gain / 12 deg / Steel

Line End Fitting:

2 HL Drop Tongue / Galv. Ductile Iron

**Material**

Corona Ring (Line):

None

Corona Rings are recommended for applications of 230 kV and above

Mounting Angle:

12 deg

Number of Sheds:

12

Rod Diameter:

2.5 in

Weight Estimate:

46.6 lbs

21 kg

**Dimensional Values**

Section Length (L):

33.7 in 856 mm

Rubber Length (X):

23 in 584 mm

Shed spacing (S):

1.95 in 50 mm

Shed Projection (P):

1.86 in 47 mm

Dry Arc Distance:

25.6 in 649 mm

Leakage Distance:

63.8 in 1,620 mm

**Electricals Values**

60 Hz dry Flashover (Min. Withstand):

254 kV 239 kV

60 Hz Wet Flashover (Min. Withstand):

232 kV 179 kV

CIFO Positive (Min. Withstand):

432 kV 387 kV

CIFO Negative (Min. Withstand):

527 kV 421 kV

**Mechanical Values**

Max. Design Cant. Load (MDCL):

2,981 lbs 13.3 kN

Specified Cant. Load (SCL):

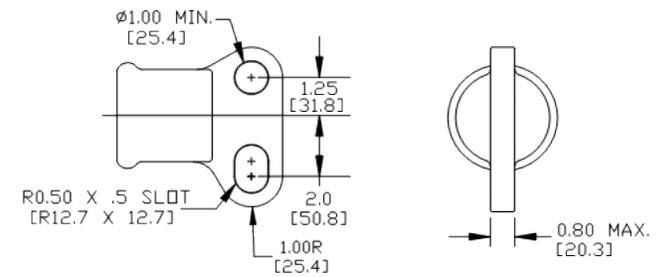
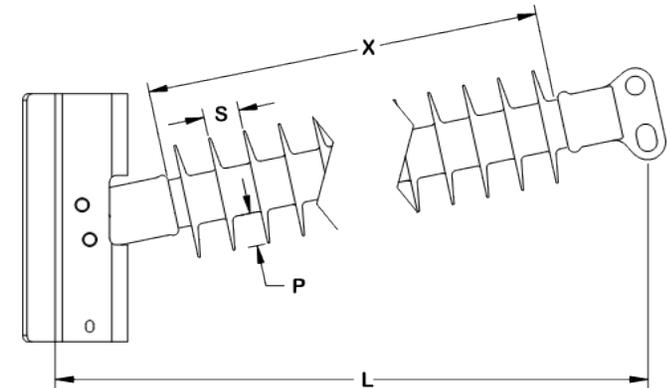
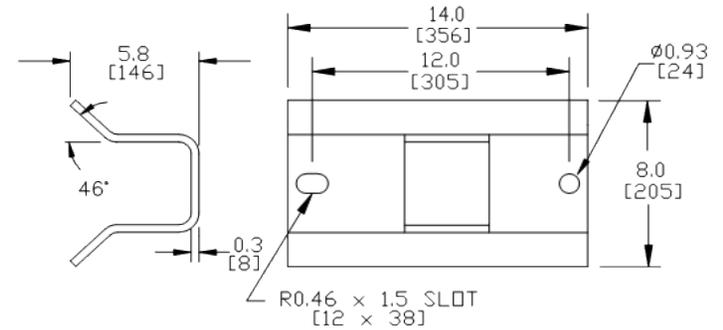
5,962 lbs 26.5 kN

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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