

MPS Catalog Number:

S1 90 90 062 MX AL 040

Date:

01/23/2014

**END FITTINGS**

Tower End Fitting:

Eye (Forged Steel)

Line End Fitting:

Eye (Forged Steel)

**MATERIAL**

Corona Ring (Tower):

None

Corona Ring (Line):

None

Corona Rings are recommended for applications of 230 kV and above

Number of Sheds:

19 large 21 standard

Rod Diameter:

16 mm

Weight Estimate:

12.8 lbs

5.8 kg

**DIMENSIONAL VALUES**

Section Length (L):

75.3 in 1,913 mm

Rubber Length (X):

61.9 in 1,572 mm

Standard Shed Height (P1):

1.5 in 38 mm

Large Shed Height (P2):

2 in 51 mm

Projection Ratio (S/P):

- 1.5

Shed Spacing (S):

3 in 76 mm

Dry Arc Distance:

63.7 in 1,618 mm

Leakage Distance:

180.7 in 4,590 mm

**ELECTRICAL VALUES**

60 Hz Dry Flashover:

621 kV

Min. Withstand:

568 kV

60 Hz Wet Flashover:

545 kV

Min. Withstand:

474 kV

Pos. Critical Impulse Flashover:

1,048 kV

Min. Withstand:

922 kV

Neg. Critical Impulse Flashover:

1,103 kV

Min. Withstand:

976 kV

**MECHANICAL VALUES**

Specified Mech. Load (SML):

25,000 lbs

111.2 kN

Routine Test Load (RTL):

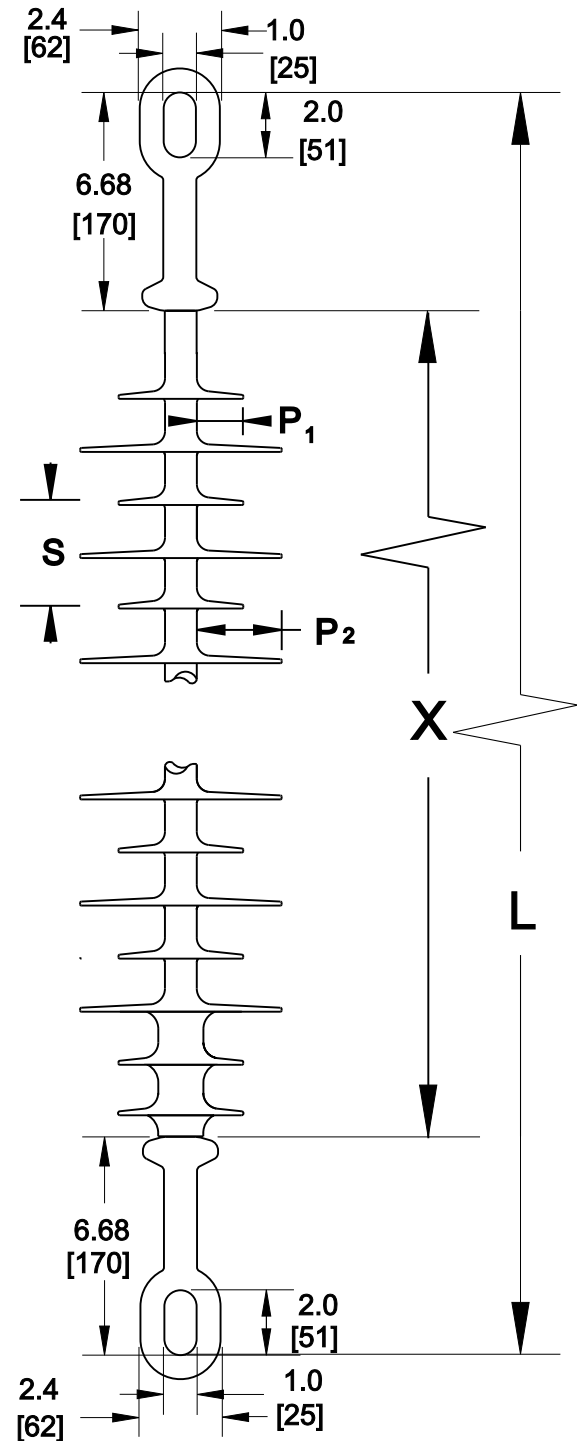
12,500 lbs

55.6 kN

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Dimensions: inches [millimeters]

Note: Drawing not actual depiction of insulator appearance



Silicone Rubber Sheath & Sheds  
Complies with applicable ANSI and IEC standards.