

MPS Catalog Number:

S1 90 80 062 MX AL 040

Date:

01/24/2014

END FITTINGS

Tower End Fitting:

Eye (Forged Steel)

Line End Fitting:

Ball (Forged Steel) (ANSI 52-5)

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:

12.1 lbs 5.5 kg

DIMENSIONAL VALUES

Section Length (L):

73.6 in 1,872 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

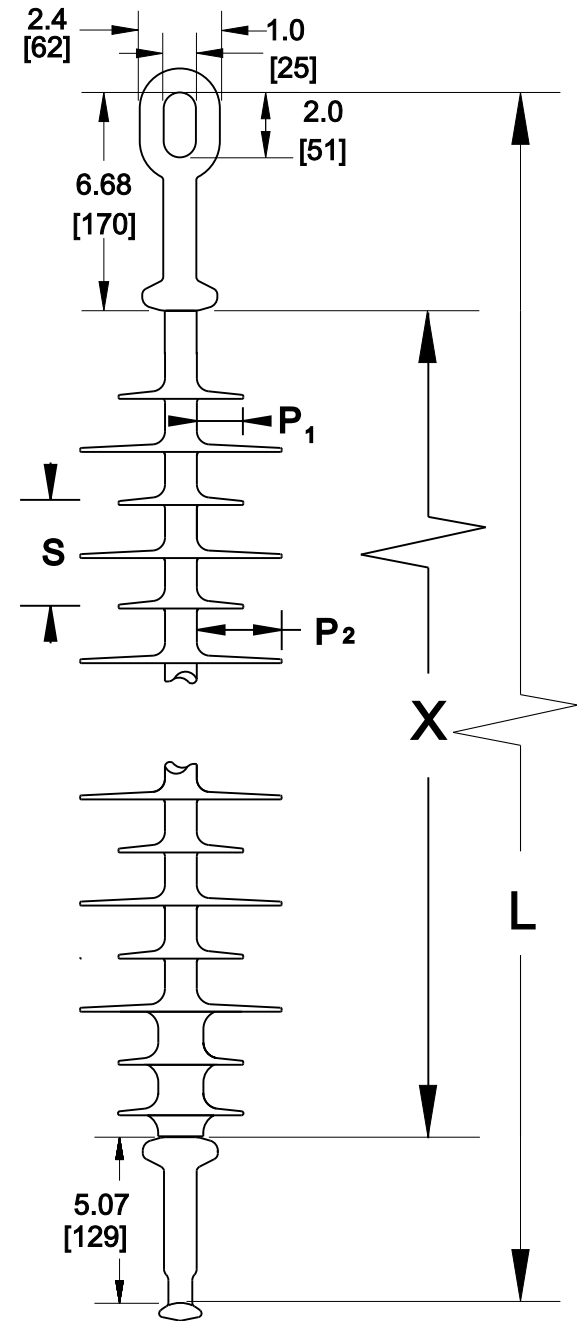
MECHANICAL VALUES

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.