

MPS Catalog Number:

S1 90 90 037 MX AL 023

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:

11 large 12 standard

Rod Diameter:

16 mm

Weight Estimate:

9.2 lbs 4.2 kg

DIMENSIONAL VALUES

Section Length (L):

49.9 in 1,267 mm

Rubber Length (X):

36.6 in 930 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:

38.8 in 986 mm

Leakage Distance:

103.5 in 2,629 mm

ELECTRICAL VALUES

60 Hz Dry Flashover:

384 kV Min. Withstand: 356 kV

60 Hz Wet Flashover:

346 kV Min. Withstand: 301 kV

Pos. Critical Impulse Flashover:

662 kV Min. Withstand: 572 kV

Neg. Critical Impulse Flashover:

705 kV Min. Withstand: 617 kV

MECHANICAL VALUES

Specified Mech. Load (SML):

25,000 lbs 111.2 kN

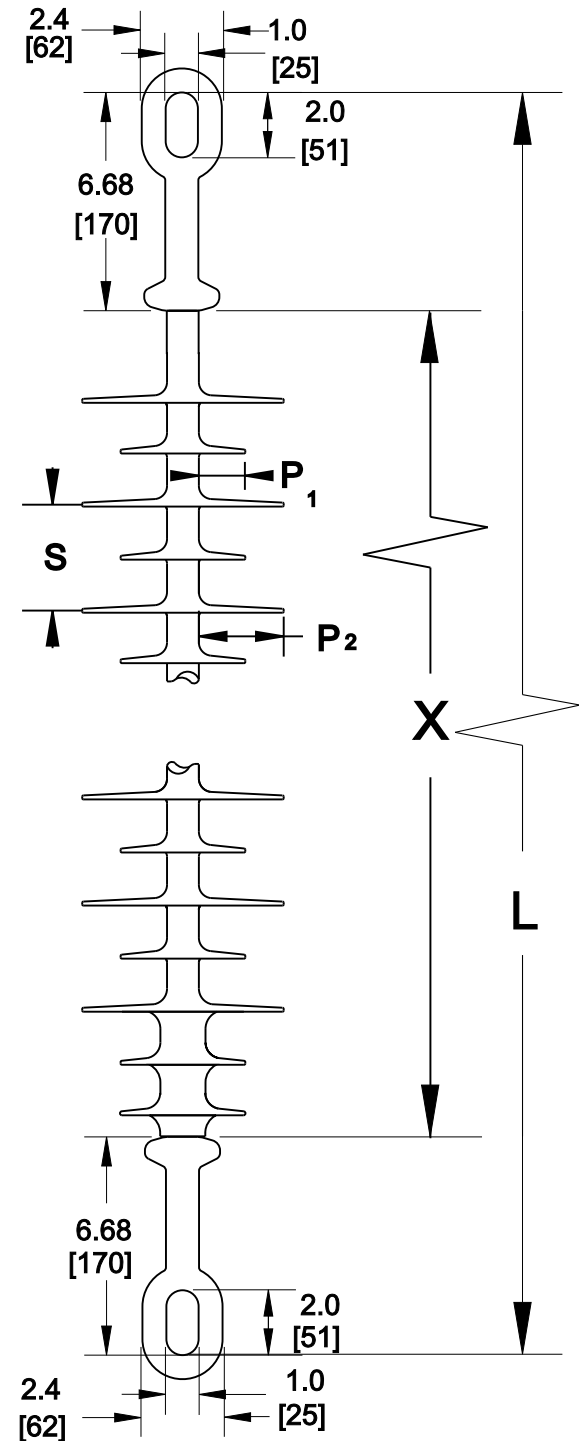
Routine Test Load (RTL):

12,500 lbs 55.6 kN

This drawing contains confidential information that is property of MacLean Power L.L.C ('MacLean'). Use of MacLean's confidential information without MacLean's express written consent is strictly prohibited and may expose you to legal liability. If you believe that you received this material in error, please destroy it or return it to 'MacLean Power, L.L.C., 7801 Park Place Rd, York, SC, 29745, USA.'

Dimensions: inches [millimeters]

Note: Drawing not actual depiction of insulator appearance



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