

MPS Catalog Number:

S1 40 80 048 MA AL 031

Date:

01/23/2014

END FITTINGS

Tower End Fitting:

Y-Clevis (Forged Steel)

Line End Fitting:

Ball (Forged Steel) (ANSI 52-5)

MATERIAL

Corona Ring (Tower):

None

Corona Ring (Line):

8" Corona Ring

Corona Rings are recommended for applications of 230 kV and above

Number of Sheds:

15 large 16 standard

Rod Diameter:

16 mm

Weight Estimate:

12.6 lbs

5.7 kg

DIMENSIONAL VALUES

Section Length (L):

60 in 1,524 mm

Rubber Length (X):

48.4 in 1,229 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:

48.1 in 1,222 mm

Leakage Distance:

140.1 in 3,559 mm

ELECTRICAL VALUES

60 Hz Dry Flashover:

472 kV

Min. Withstand:

437 kV

60 Hz Wet Flashover:

422 kV

Min. Withstand:

367 kV

Pos. Critical Impulse Flashover:

809 kV

Min. Withstand:

703 kV

Neg. Critical Impulse Flashover:

857 kV

Min. Withstand:

751 kV

MECHANICAL VALUES

Specified Mech. Load (SML):

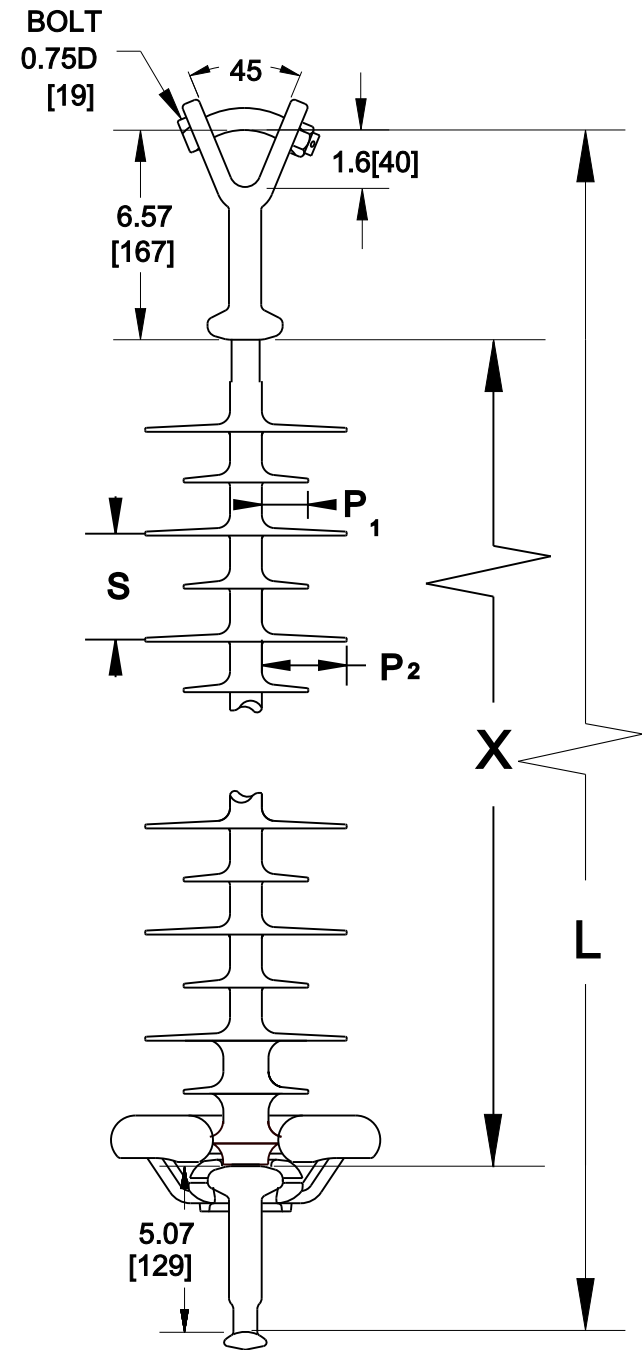
25,000 lbs

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.