

MPS Catalog Number:

S1 40 80 072 VA SS 031

Date:

09/04/2013

END FITTINGS

Tower End Fitting:

Y-Clevis

Line End Fitting:

Ball (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:

31 standard

Rod Diameter:

16 mm

Weight Estimate:

17.2 lbs

7.8 kg

DIMENSIONAL VALUES

Section Length (L):

83.2 in

2,113 mm

Rubber Length (X):

72 in

1,818 mm

Standard Shed Height (P):

2.1 in

54 mm

Shed Spacing (S):

2.39 in

61 mm

Dry Arc Distance:

71.7 in

1,821 mm

Leakage Distance:

190.6 in

4,841 mm

ELECTRICAL VALUES

60 Hz Dry Flashover:

697 kV

Min. Withstand:

634 kV

60 Hz Wet Flashover:

605 kV

Min. Withstand:

526 kV

Pos. Critical Impulse Flashover:

1,169 kV

Min. Withstand:

1,035 kV

Neg. Critical Impulse Flashover:

1,226 kV

Min. Withstand:

1,064 kV

MECHANICAL VALUES

Specified Mech. Load (SML):

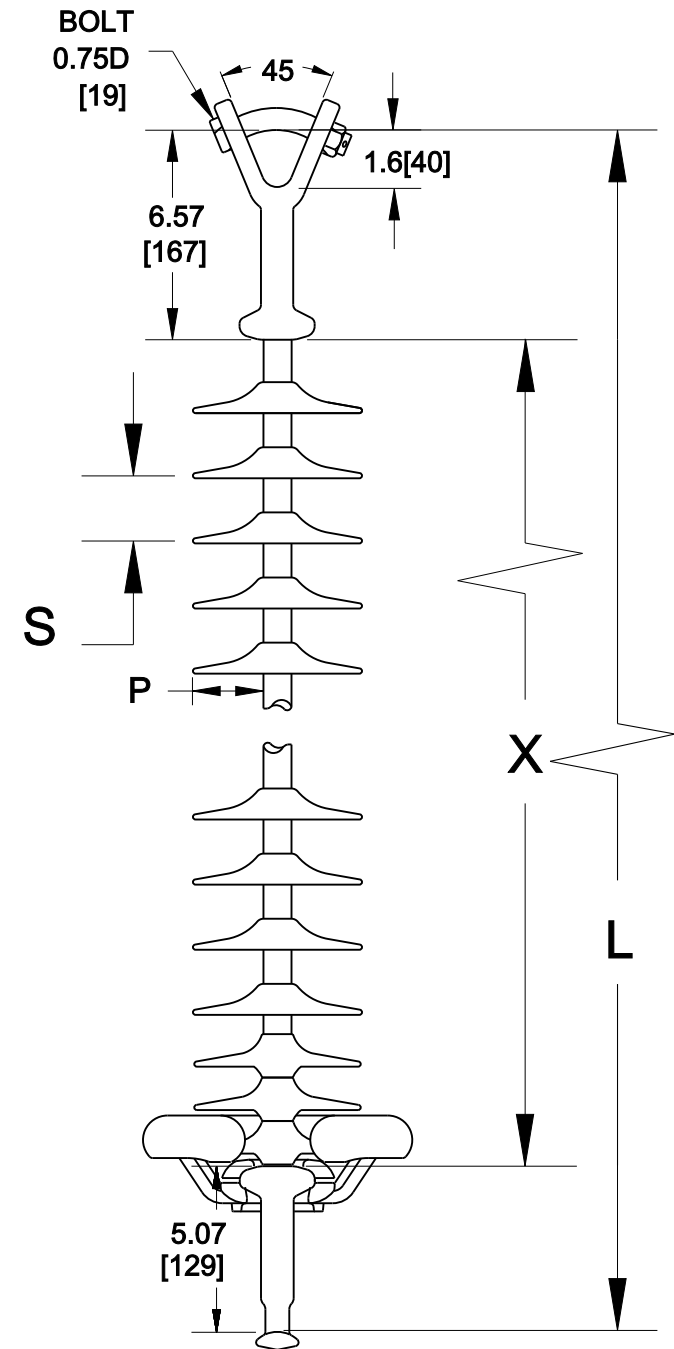
25,000 lbs

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.