

MPS Catalog Number:

S5 40 80 078 VA SS 029

Date:

09/05/2013

**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:

29 standard

Rod Diameter:

16 mm

Weight Estimate:

16.9 lbs

7.7 kg

**DIMENSIONAL VALUES**

Section Length (L):

89.2 in

2,266 mm

Rubber Length (X):

78 in

1,970 mm

Standard Shed Height (P):

2.1 in

54 mm

Shed Spacing (S):

2.82 in

72 mm

Dry Arc Distance:

77.7 in

1,974 mm

Leakage Distance:

188.8 in

4,796 mm

**ELECTRICAL VALUES**

60 Hz Dry Flashover:

754 kV

Min. Withstand:

683 kV

60 Hz Wet Flashover:

649 kV

Min. Withstand:

564 kV

Pos. Critical Impulse Flashover:

1,258 kV

Min. Withstand:

1,119 kV

Neg. Critical Impulse Flashover:

1,317 kV

Min. Withstand:

1,148 kV

**MECHANICAL VALUES**

Specified Mech. Load (SML):

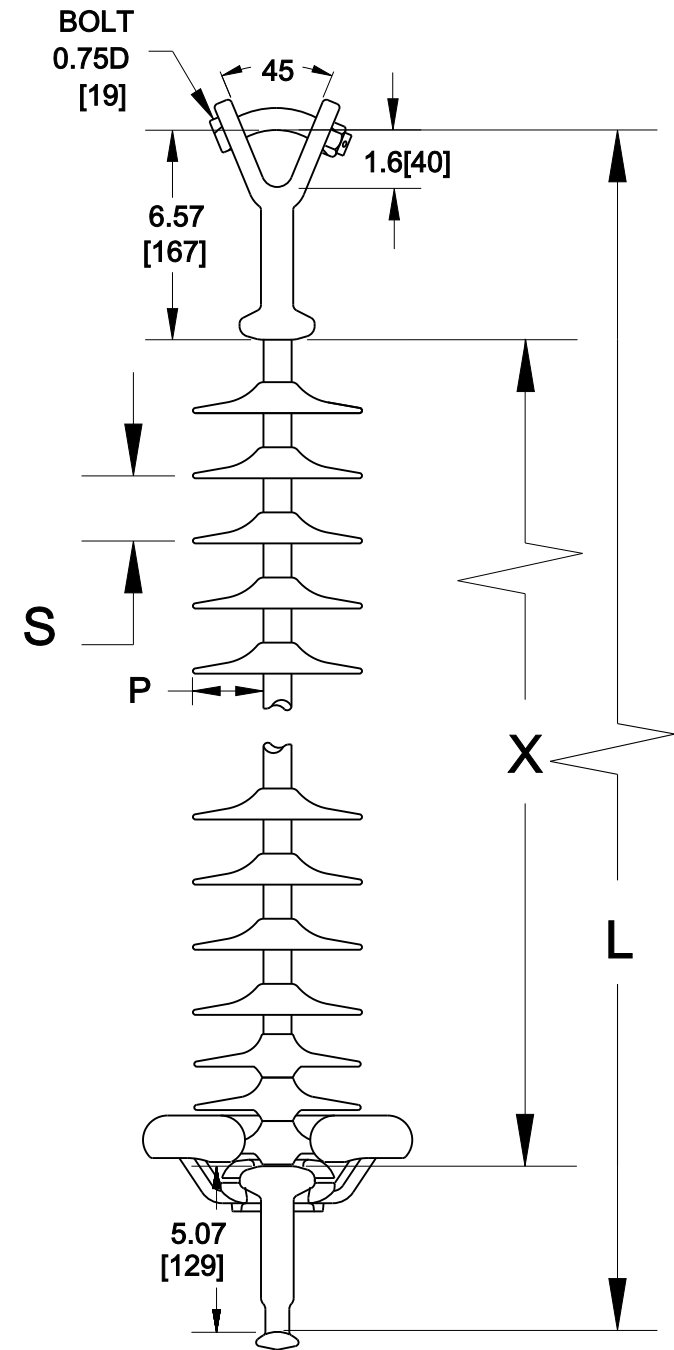
30,000 lbs

133.4 kN

Routine Test Load (RTL):

15,000 lbs

66.7 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.