

MPS Catalog Number:

S1 40 80 072 VX SS 011

Date:

09/03/2013

**END FITTINGS**

Tower End Fitting:

Y-Clevis

Line End Fitting:

Ball (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:

11 standard

Rod Diameter:

16 mm

Weight Estimate:

9.8 lbs

4.4 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):

9.23 in

234 mm

Dry Arc Distance:

75.2 in

1,910 mm

Leakage Distance:

113 in

2,870 mm

**ELECTRICAL VALUES**

60 Hz Dry Flashover:

730 kV

Min. Withstand:

663 kV

60 Hz Wet Flashover:

630 kV

Min. Withstand:

548 kV

Pos. Critical Impulse Flashover:

1,221 kV

Min. Withstand:

1,084 kV

Neg. Critical Impulse Flashover:

1,279 kV

Min. Withstand:

1,113 kV

**MECHANICAL VALUES**

Specified Mech. Load (SML):

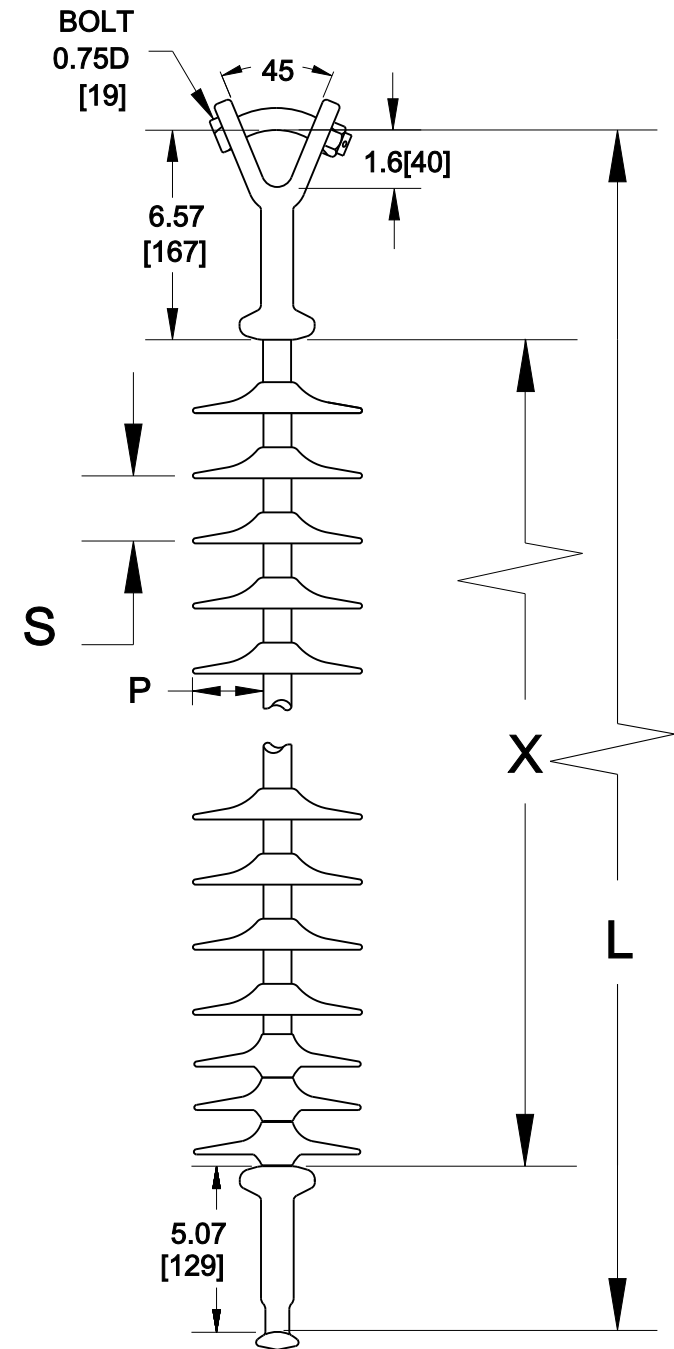
25,000 lbs

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.