

MPS Catalog Number:

S1 40 80 108 VB SS 032

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):

12" Corona Ring

Corona Rings are recommended for applications of 230 kV and above

Number of Sheds:

32 standard

Rod Diameter:

16 mm

Weight Estimate:

21.6 lbs

9.8 kg

**DIMENSIONAL VALUES**

Section Length (L):

119.2 in

3,028 mm

Rubber Length (X):

108 in

2,732 mm

Standard Shed Height (P):

2.1 in

54 mm

Shed Spacing (S):

3.59 in

91 mm

Dry Arc Distance:

107.7 in

2,736 mm

Leakage Distance:

230.5 in

5,855 mm

**ELECTRICAL VALUES**

60 Hz Dry Flashover:

1,023 kV

Min. Withstand:

920 kV

60 Hz Wet Flashover:

877 kV

Min. Withstand:

737 kV

Pos. Critical Impulse Flashover:

1,697 kV

Min. Withstand:

1,529 kV

Neg. Critical Impulse Flashover:

1,763 kV

Min. Withstand:

1,593 kV

**MECHANICAL VALUES**

Specified Mech. Load (SML):

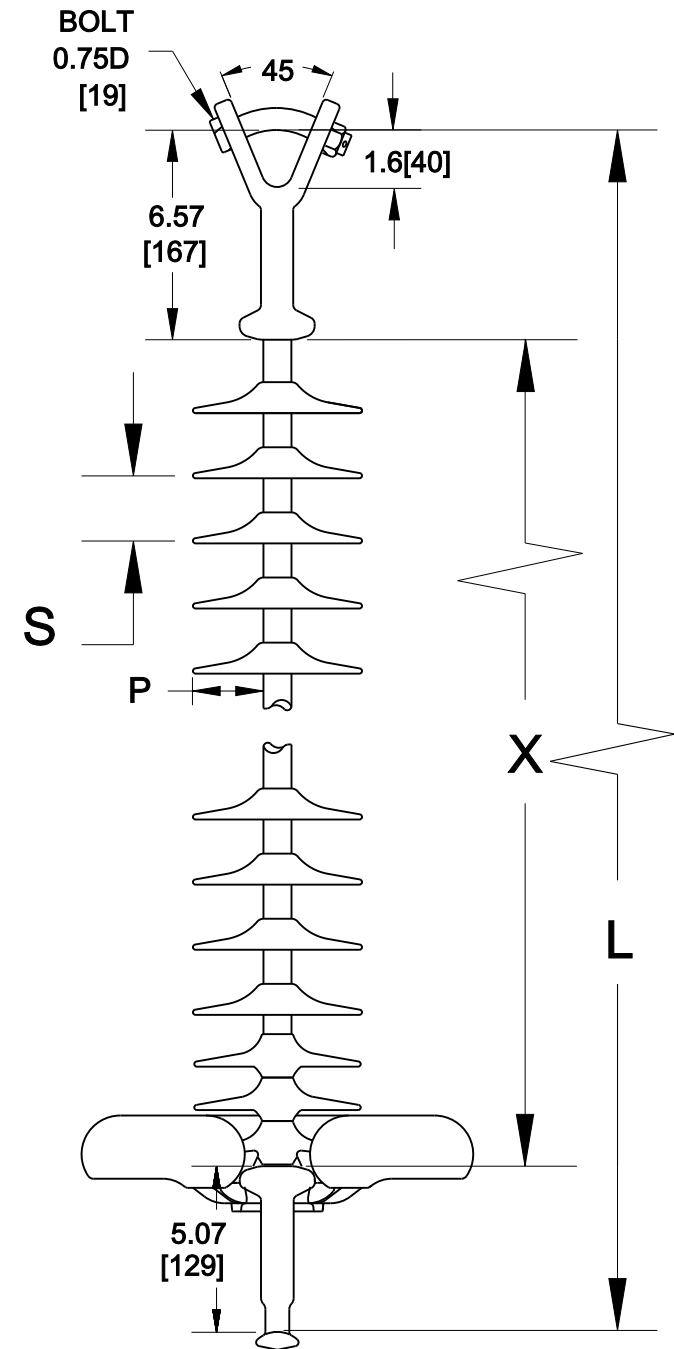
25,000 lbs

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.