

MPS Catalog Number:

S1 40 80 132 VB SS 059

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:

59 standard

Rod Diameter:

16 mm

Weight Estimate:

29.5 lbs

13.4 kg

**DIMENSIONAL VALUES**

Section Length (L):

143.2 in

3,637 mm

Rubber Length (X):

132 in

3,342 mm

Standard Shed Height (P):

2.1 in

54 mm

Shed Spacing (S):

2.27 in

58 mm

Dry Arc Distance:

131.7 in

3,345 mm

Leakage Distance:

359.2 in

9,124 mm

**ELECTRICAL VALUES**

60 Hz Dry Flashover:

1,199 kV

Min. Withstand:

1,100 kV

60 Hz Wet Flashover:

1,032 kV

Min. Withstand:

861 kV

Pos. Critical Impulse Flashover:

2,043 kV

Min. Withstand:

1,827 kV

Neg. Critical Impulse Flashover:

2,111 kV

Min. Withstand:

1,889 kV

**MECHANICAL VALUES**

Specified Mech. Load (SML):

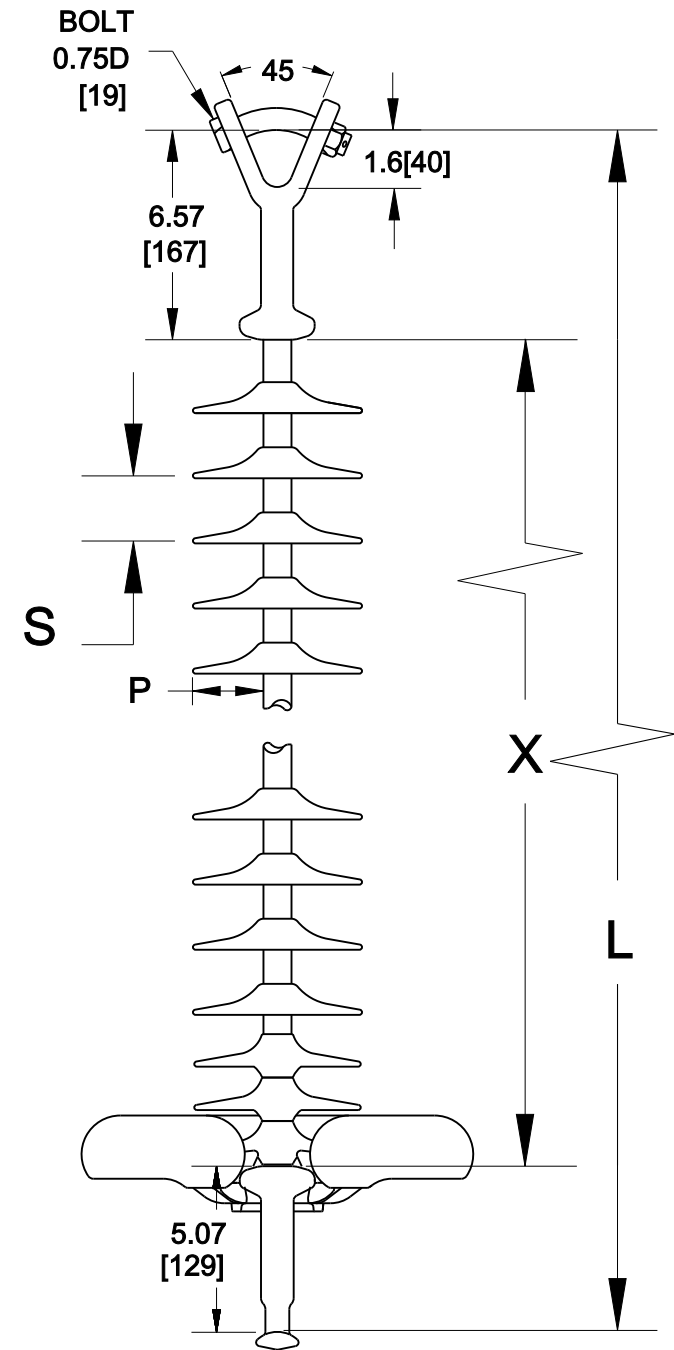
25,000 lbs

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.