

MPS Catalog Number:

S5 40 80 120 VB SS 044

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:

44 standard

Rod Diameter:

16 mm

Weight Estimate:

25.2 lbs

11.4 kg

DIMENSIONAL VALUES

Section Length (L):

131.2 in

3,332 mm

Rubber Length (X):

120 in

3,037 mm

Standard Shed Height (P):

2.1 in

54 mm

Shed Spacing (S):

2.81 in

71 mm

Dry Arc Distance:

119.7 in

3,040 mm

Leakage Distance:

289 in

7,341 mm

ELECTRICAL VALUES

60 Hz Dry Flashover:

1,111 kV

Min. Withstand:

1,011 kV

60 Hz Wet Flashover:

963 kV

Min. Withstand:

799 kV

Pos. Critical Impulse Flashover:

1,870 kV

Min. Withstand:

1,678 kV

Neg. Critical Impulse Flashover:

1,938 kV

Min. Withstand:

1,741 kV

MECHANICAL VALUES

Specified Mech. Load (SML):

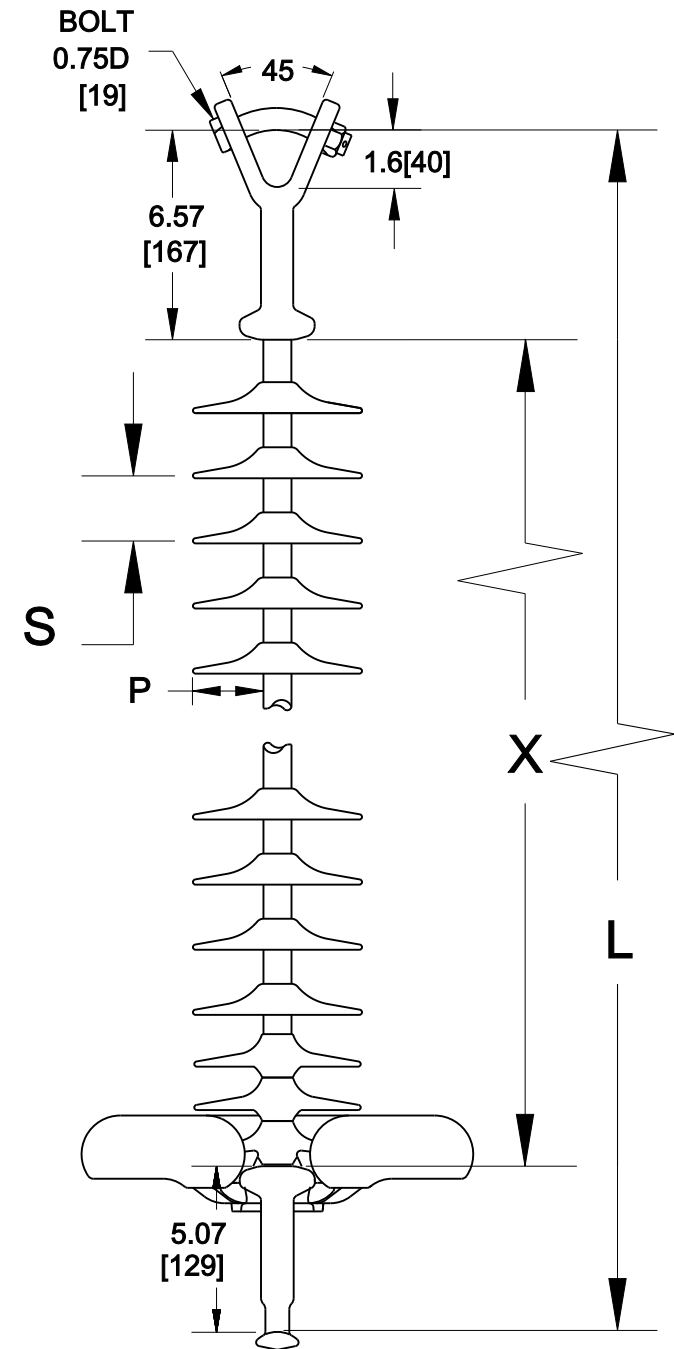
30,000 lbs

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.