

MPS Catalog Number:

S1 40 80 054 VX SS 021

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:

21 standard

Rod Diameter:

16 mm

Weight Estimate:

11.7 lbs

5.3 kg

DIMENSIONAL VALUES

Section Length (L):

65.2 in

1,656 mm

Rubber Length (X):

54 in

1,360 mm

Standard Shed Height (P):

2.1 in

54 mm

Shed Spacing (S):

2.74 in

70 mm

Dry Arc Distance:

57.2 in

1,453 mm

Leakage Distance:

133.8 in

3,399 mm

ELECTRICAL VALUES

60 Hz Dry Flashover:

559 kV

Min. Withstand:

514 kV

60 Hz Wet Flashover:

495 kV

Min. Withstand:

430 kV

Pos. Critical Impulse Flashover:

949 kV

Min. Withstand:

831 kV

Neg. Critical Impulse Flashover:

1,001 kV

Min. Withstand:

861 kV

MECHANICAL VALUES

Specified Mech. Load (SML):

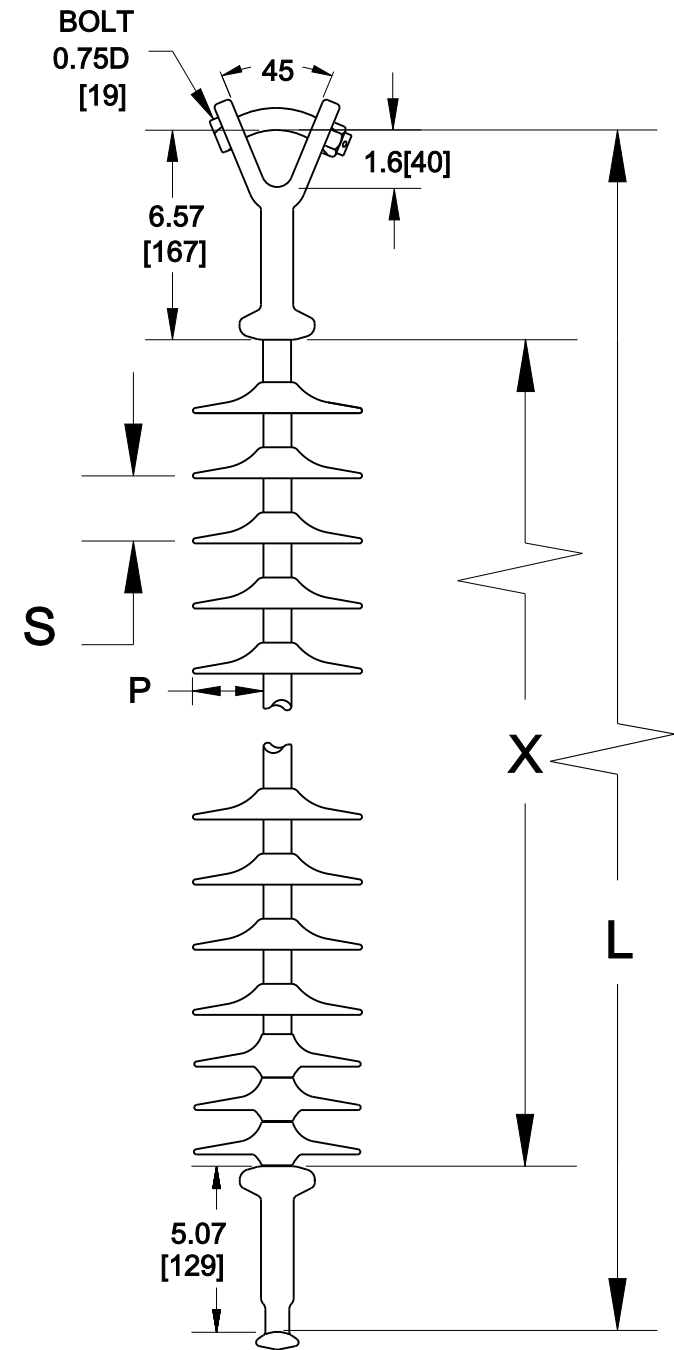
25,000 lbs

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.