

MPS Catalog Number:

S1 40 80 031 VX SS 012

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:

12 standard

Rod Diameter:

16 mm

Weight Estimate:

8.4 lbs

3.8 kg

DIMENSIONAL VALUES

Section Length (L):

42.2 in

1,072 mm

Rubber Length (X):

31 in

776 mm

Standard Shed Height (P):

2.1 in

54 mm

Shed Spacing (S):

2.95 in

75 mm

Dry Arc Distance:

34.2 in

869 mm

Leakage Distance:

75.9 in

1,928 mm

ELECTRICAL VALUES

60 Hz Dry Flashover:

340 kV

Min. Withstand:

316 kV

60 Hz Wet Flashover:

307 kV

Min. Withstand:

267 kV

Pos. Critical Impulse Flashover:

589 kV

Min. Withstand:

507 kV

Neg. Critical Impulse Flashover:

629 kV

Min. Withstand:

538 kV

MECHANICAL VALUES

Specified Mech. Load (SML):

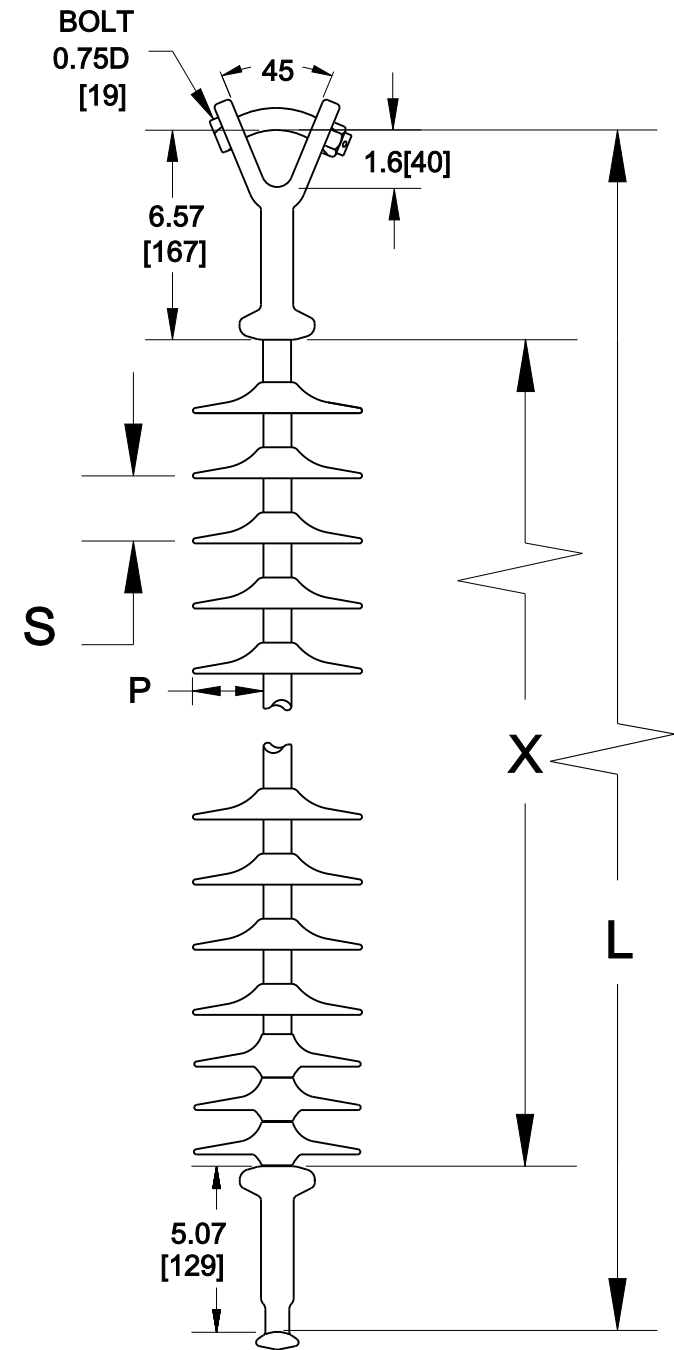
25,000 lbs

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.