

MPS Catalog Number:

S6 40 82 046 VA SS 025

Date:

02/28/2014

END FITTINGS

Tower End Fitting:

Y-Clevis

Line End Fitting:

Ball (ANSI 52-8)

MATERIAL

Corona Ring (Tower):

None

Corona Ring (Line):

8" Corona Ring

Corona Rings are recommended for applications of 230 kV and above

Number of Sheds:

25 standard

Rod Diameter:

18 mm

Weight Estimate:

15.7 lbs

7.1 kg

DIMENSIONAL VALUES

Section Length (L):

59.4 in

1,509 mm

Rubber Length (X):

46 in

1,168 mm

Standard Shed Height (P):

2.2 in

55 mm

Shed Spacing (S):

1.86 in

47 mm

Dry Arc Distance:

46.2 in

1,173 mm

Leakage Distance:

141.7 in

3,599 mm

ELECTRICAL VALUES

60 Hz Dry Flashover:

454 kV

Min. Withstand:

420 kV

60 Hz Wet Flashover:

407 kV

Min. Withstand:

354 kV

Pos. Critical Impulse Flashover:

779 kV

Min. Withstand:

676 kV

Neg. Critical Impulse Flashover:

826 kV

Min. Withstand:

706 kV

MECHANICAL VALUES

Specified Mech. Load (SML):

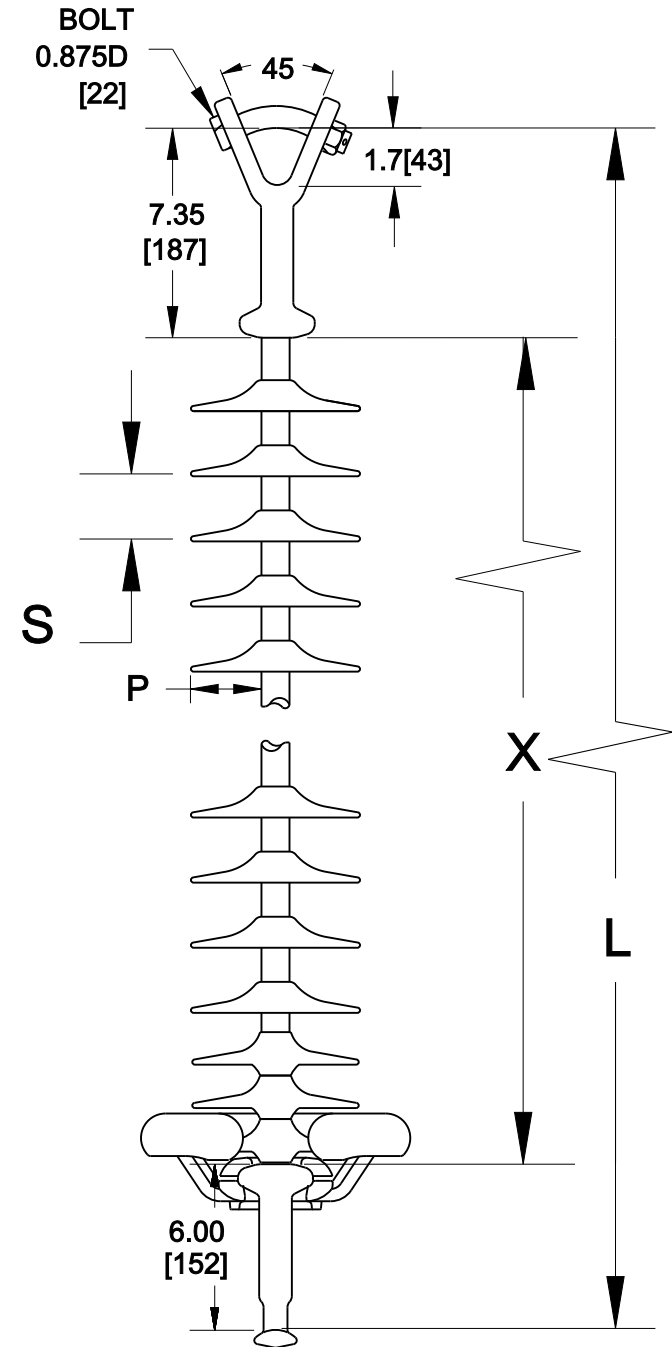
36,000 lbs

160.1 kN

Routine Test Load (RTL):

18,000 lbs

80.1 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.