

MPS Catalog Number:

S6 40 82 034 VA SS 015

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:

15 standard

Rod Diameter:

18 mm

Weight Estimate:

12.4 lbs

5.6 kg

DIMENSIONAL VALUES

Section Length (L):

47.4 in

1,204 mm

Rubber Length (X):

34 in

864 mm

Standard Shed Height (P):

2.2 in

55 mm

Shed Spacing (S):

2.46 in

62 mm

Dry Arc Distance:

34.2 in

869 mm

Leakage Distance:

90.9 in

2,309 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):

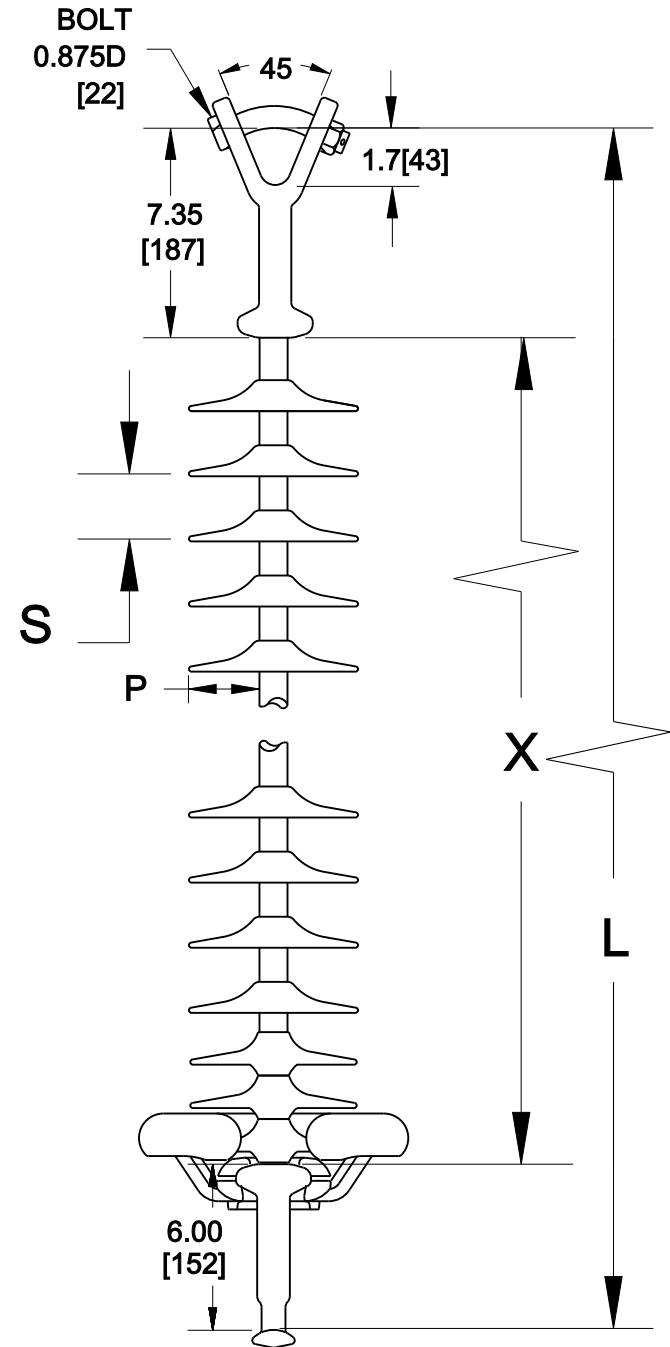
36,000 lbs

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.