

MPS Catalog Number:

S6 40 82 031 VA SS 019

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:

19 standard

Rod Diameter:

18 mm

Weight Estimate:

13.4 lbs

6.1 kg

DIMENSIONAL VALUES

Section Length (L):

44.4 in

1,128 mm

Rubber Length (X):

31 in

787 mm

Standard Shed Height (P):

2.2 in

55 mm

Shed Spacing (S):

1.6 in

41 mm

Dry Arc Distance:

31.2 in

792 mm

Leakage Distance:

103.5 in

2,629 mm

ELECTRICAL VALUES

60 Hz Dry Flashover:

311 kV

Min. Withstand:

290 kV

60 Hz Wet Flashover:

281 kV

Min. Withstand:

245 kV

Pos. Critical Impulse Flashover:

540 kV

Min. Withstand:

465 kV

Neg. Critical Impulse Flashover:

578 kV

Min. Withstand:

496 kV

MECHANICAL VALUES

Specified Mech. Load (SML):

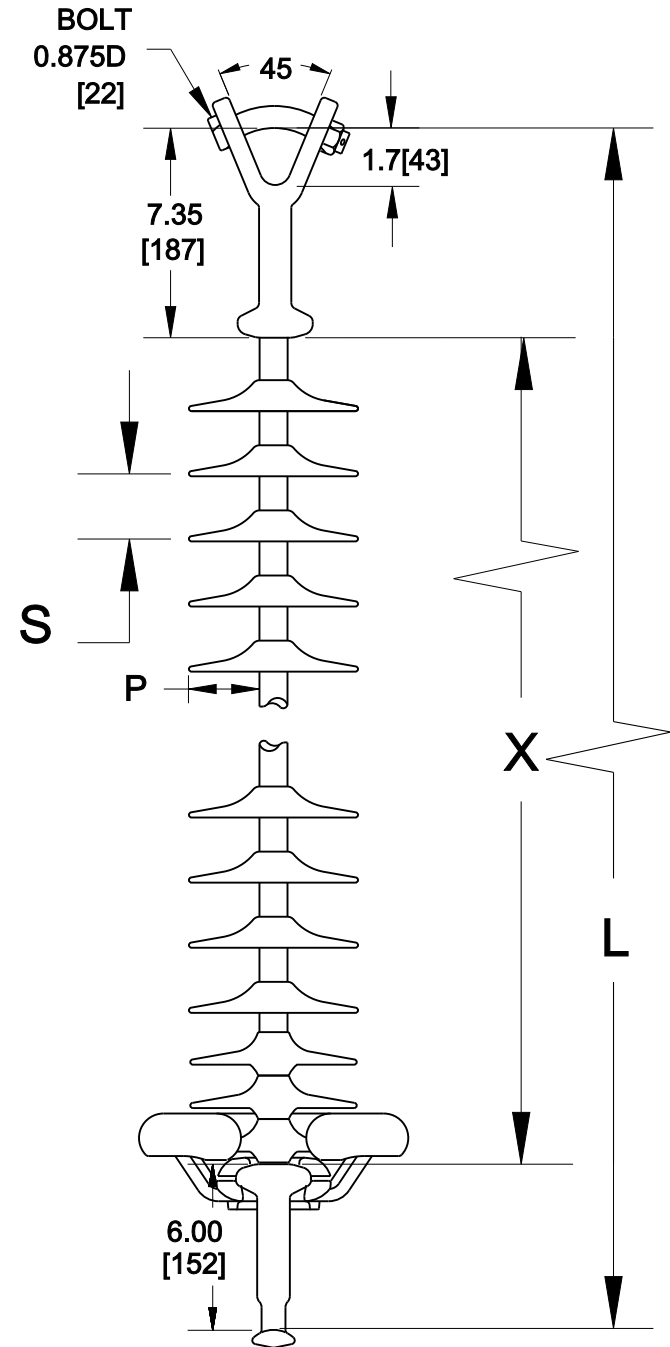
36,000 lbs

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.