

MPS Catalog Number:

S2 40 80 084 VA SS 031

Date:

02/24/2014

END FITTINGS

Tower End Fitting:

Y-Clevis

Line End Fitting:

Ball (ANSI 52-8/11)

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:

31 standard

Rod Diameter:

24 mm

Weight Estimate:

24.8 lbs

11.2 kg

DIMENSIONAL VALUES

Section Length (L):

98.6 in

2,504 mm

Rubber Length (X):

84 in

2,134 mm

Standard Shed Height (P):

2.1 in

54 mm

Shed Spacing (S):

2.85 in

72 mm

Dry Arc Distance:

84.2 in

2,139 mm

Leakage Distance:

203 in

5,156 mm

ELECTRICAL VALUES

60 Hz Dry Flashover:

816 kV

Min. Withstand:

736 kV

60 Hz Wet Flashover:

695 kV

Min. Withstand:

604 kV

Pos. Critical Impulse Flashover:

1,354 kV

Min. Withstand:

1,211 kV

Neg. Critical Impulse Flashover:

1,415 kV

Min. Withstand:

1,239 kV

MECHANICAL VALUES

Specified Mech. Load (SML):

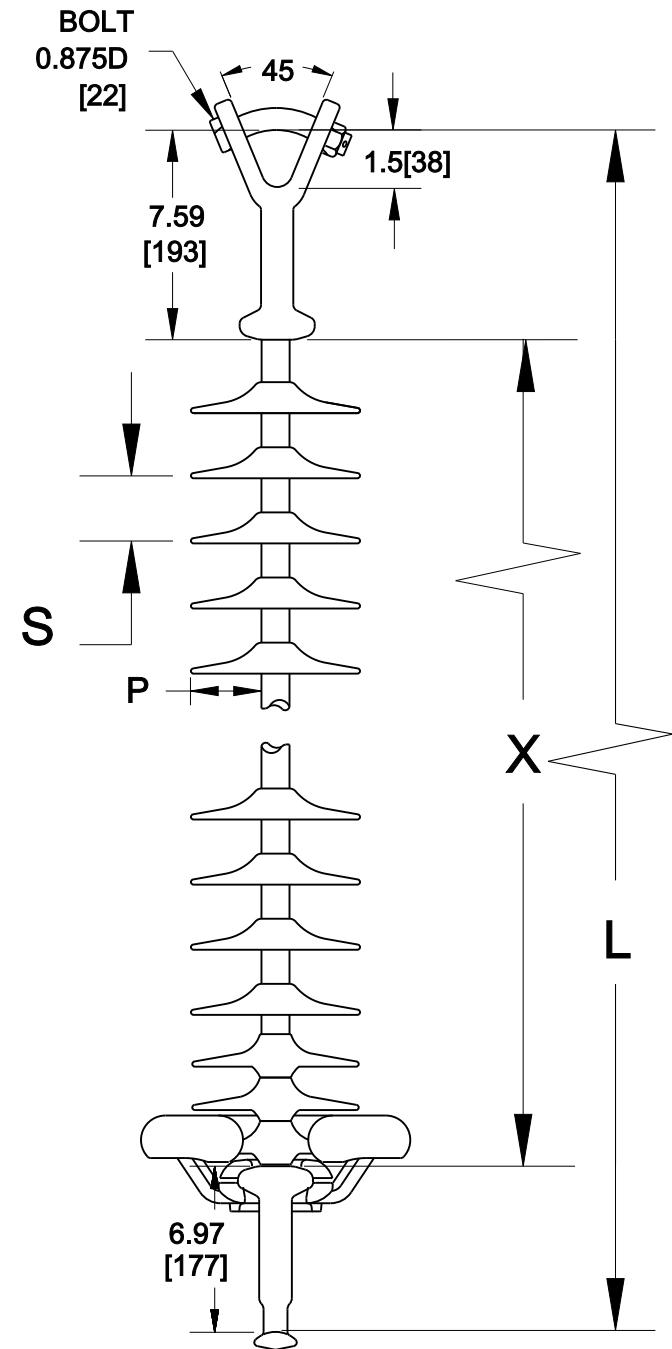
50,000 lbs

222.4 kN

Routine Test Load (RTL):

25,000 lbs

111.2 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.