

MPS Catalog Number:

S2 40 80 070 VA SS 041

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:

41 standard

Rod Diameter:

24 mm

Weight Estimate:

26.9 lbs

12.2 kg

DIMENSIONAL VALUES

Section Length (L):

84.6 in

2,149 mm

Rubber Length (X):

70 in

1,778 mm

Standard Shed Height (P):

2.1 in

54 mm

Shed Spacing (S):

1.7 in

43 mm

Dry Arc Distance:

70.2 in

1,783 mm

Leakage Distance:

227.8 in

5,786 mm

ELECTRICAL VALUES

60 Hz Dry Flashover:

683 kV

Min. Withstand:

622 kV

60 Hz Wet Flashover:

594 kV

Min. Withstand:

516 kV

Pos. Critical Impulse Flashover:

1,146 kV

Min. Withstand:

1,014 kV

Neg. Critical Impulse Flashover:

1,203 kV

Min. Withstand:

1,043 kV

MECHANICAL VALUES

Specified Mech. Load (SML):

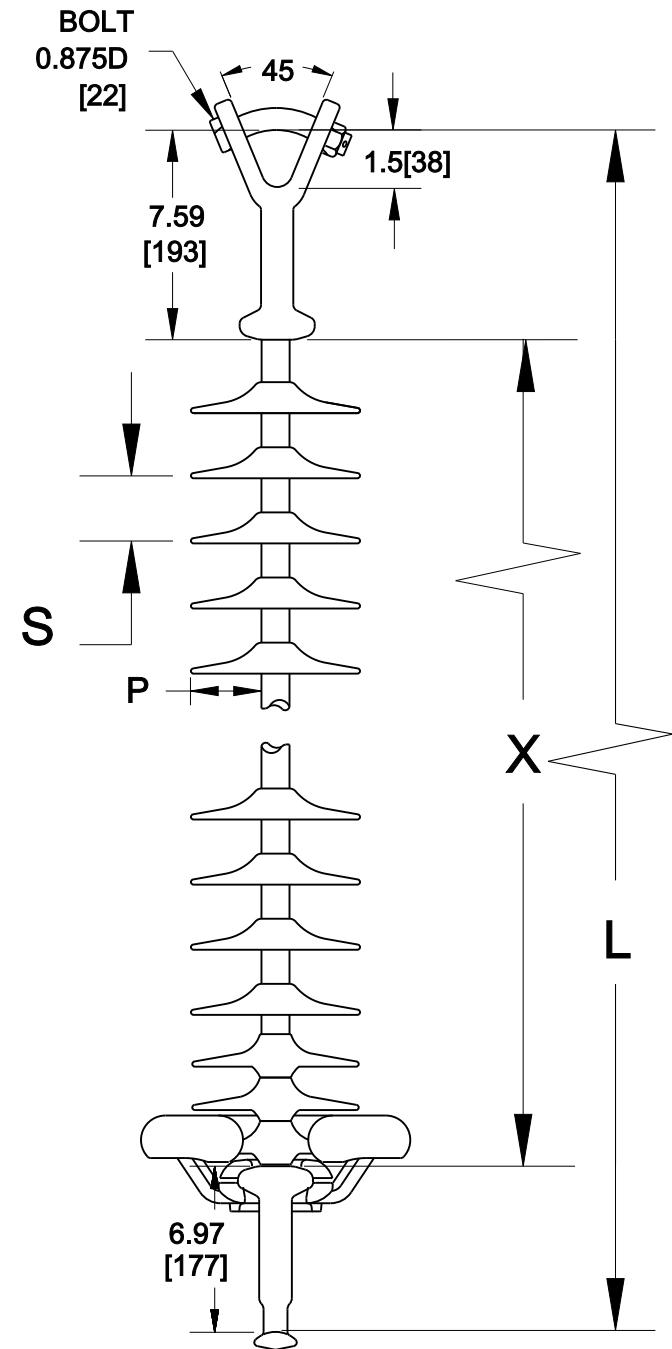
50,000 lbs

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.