

MPS Catalog Number:

S2 40 80 067 VX SS 018

Date:

02/20/2014

END FITTINGS

Tower End Fitting:

Y-Clevis

Line End Fitting:

Ball (ANSI 52-8/11)

MATERIAL

Corona Ring (Tower):

None

Corona Ring (Line):

None

Corona Rings are recommended for applications of 230 kV and above

Number of Sheds:

18 standard

Rod Diameter:

24 mm

Weight Estimate:

17.4 lbs

7.9 kg

DIMENSIONAL VALUES

Section Length (L):

81.6 in

2,073 mm

Rubber Length (X):

67 in

1,702 mm

Standard Shed Height (P):

2.1 in

54 mm

Shed Spacing (S):

4.29 in

109 mm

Dry Arc Distance:

70.7 in

1,796 mm

Leakage Distance:

135.6 in

3,444 mm

ELECTRICAL VALUES

60 Hz Dry Flashover:

688 kV

Min. Withstand:

626 kV

60 Hz Wet Flashover:

597 kV

Min. Withstand:

520 kV

Pos. Critical Impulse Flashover:

1,154 kV

Min. Withstand:

1,021 kV

Neg. Critical Impulse Flashover:

1,211 kV

Min. Withstand:

1,050 kV

MECHANICAL VALUES

Specified Mech. Load (SML):

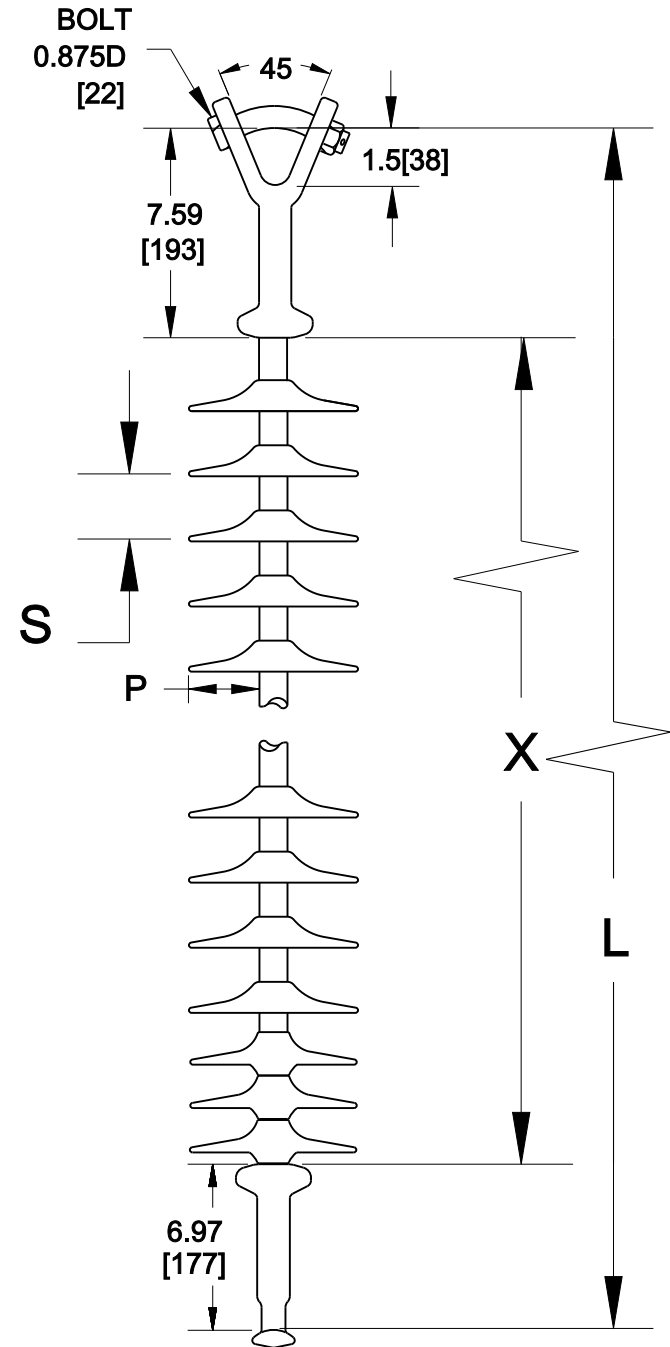
50,000 lbs

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.