

MPS Catalog Number:

S6 40 82 070 VX SS 041

Date:

02/27/2014

END FITTINGS

Tower End Fitting:

Y-Clevis

Line End Fitting:

Ball (ANSI 52-8)

MATERIAL

Corona Ring (Tower):

None

Corona Ring (Line):

None

Corona Rings are recommended for applications of 230 kV and above

Number of Sheds:

41 standard

Rod Diameter:

18 mm

Weight Estimate:

24.1 lbs

10.9 kg

DIMENSIONAL VALUES

Section Length (L):

83.4 in

2,118 mm

Rubber Length (X):

70 in

1,778 mm

Standard Shed Height (P):

2.2 in

55 mm

Shed Spacing (S):

1.7 in

43 mm

Dry Arc Distance:

73.7 in

1,872 mm

Leakage Distance:

227.8 in

5,786 mm

ELECTRICAL VALUES

60 Hz Dry Flashover:

716 kV

Min. Withstand:

651 kV

60 Hz Wet Flashover:

619 kV

Min. Withstand:

539 kV

Pos. Critical Impulse Flashover:

1,198 kV

Min. Withstand:

1,063 kV

Neg. Critical Impulse Flashover:

1,256 kV

Min. Withstand:

1,092 kV

MECHANICAL VALUES

Specified Mech. Load (SML):

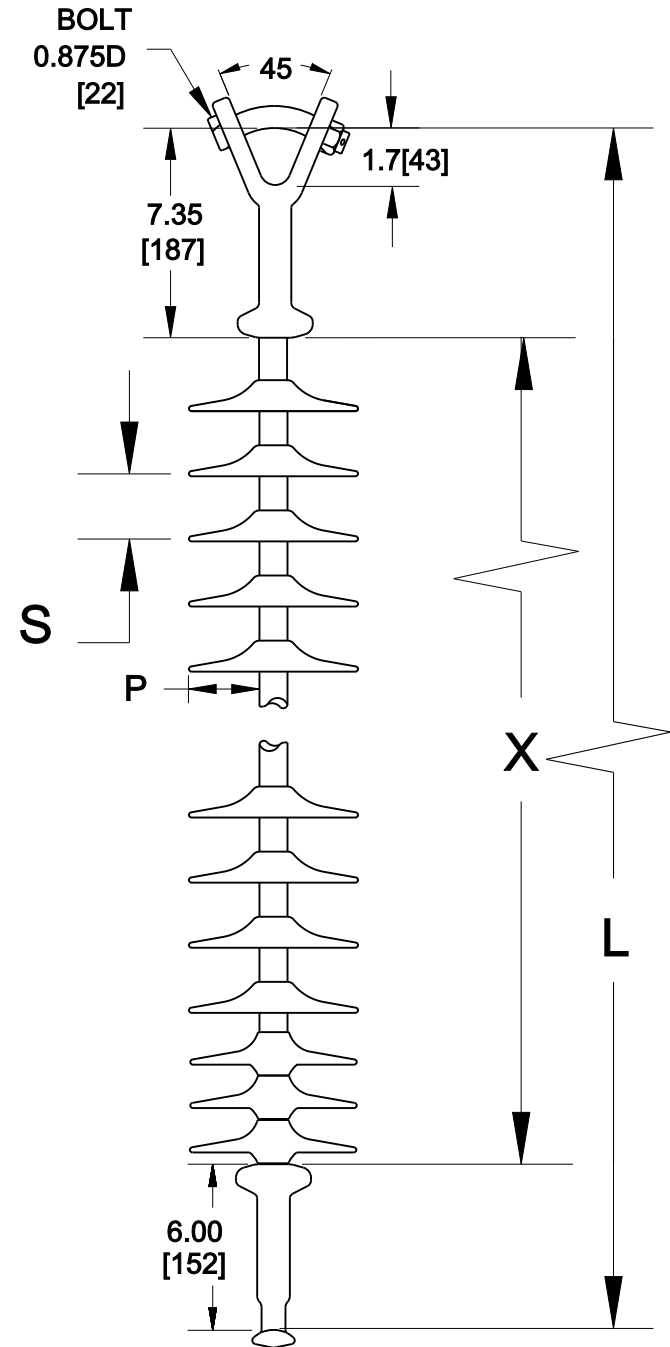
36,000 lbs

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.