

MPS Catalog Number:

S6 40 82 073 VA SS 030

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:

30 standard

Rod Diameter:

18 mm

Weight Estimate:

18.4 lbs

8.3 kg

**DIMENSIONAL VALUES**

Section Length (L):

86.4 in

2,195 mm

Rubber Length (X):

73 in

1,854 mm

Standard Shed Height (P):

2.2 in

55 mm

Shed Spacing (S):

2.54 in

65 mm

Dry Arc Distance:

73.2 in

1,859 mm

Leakage Distance:

188.1 in

4,778 mm

**ELECTRICAL VALUES**

60 Hz Dry Flashover:

711 kV

Min. Withstand:

646 kV

60 Hz Wet Flashover:

616 kV

Min. Withstand:

536 kV

Pos. Critical Impulse Flashover:

1,191 kV

Min. Withstand:

1,056 kV

Neg. Critical Impulse Flashover:

1,249 kV

Min. Withstand:

1,085 kV

**MECHANICAL VALUES**

Specified Mech. Load (SML):

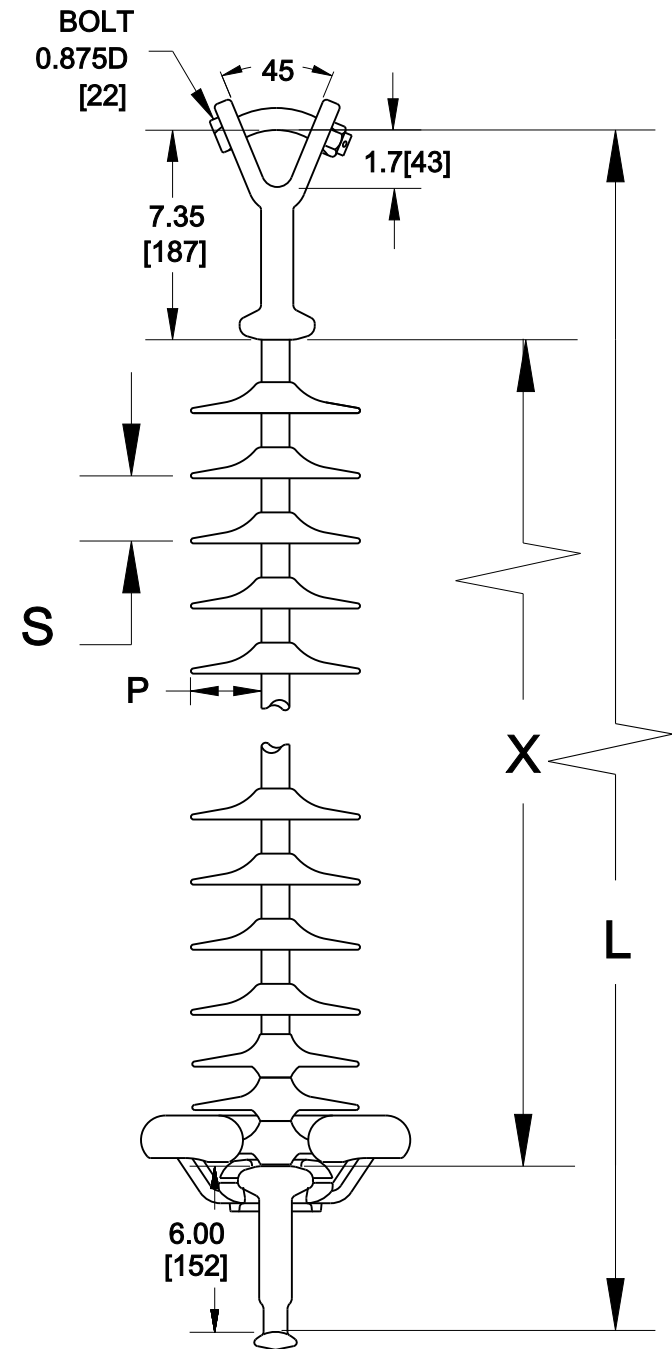
36,000 lbs

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.