

MPS Catalog Number:

S6 40 82 037 VA SS 014

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:

14 standard

Rod Diameter:

18 mm

Weight Estimate:

12.2 lbs

5.5 kg

**DIMENSIONAL VALUES**

Section Length (L):

50.4 in

1,280 mm

Rubber Length (X):

37 in

940 mm

Standard Shed Height (P):

2.2 in

55 mm

Shed Spacing (S):

3 in

76 mm

Dry Arc Distance:

37.2 in

945 mm

Leakage Distance:

90.1 in

2,289 mm

**ELECTRICAL VALUES**

60 Hz Dry Flashover:

368 kV

Min. Withstand:

343 kV

60 Hz Wet Flashover:

332 kV

Min. Withstand:

289 kV

Pos. Critical Impulse Flashover:

637 kV

Min. Withstand:

549 kV

Neg. Critical Impulse Flashover:

679 kV

Min. Withstand:

580 kV

**MECHANICAL VALUES**

Specified Mech. Load (SML):

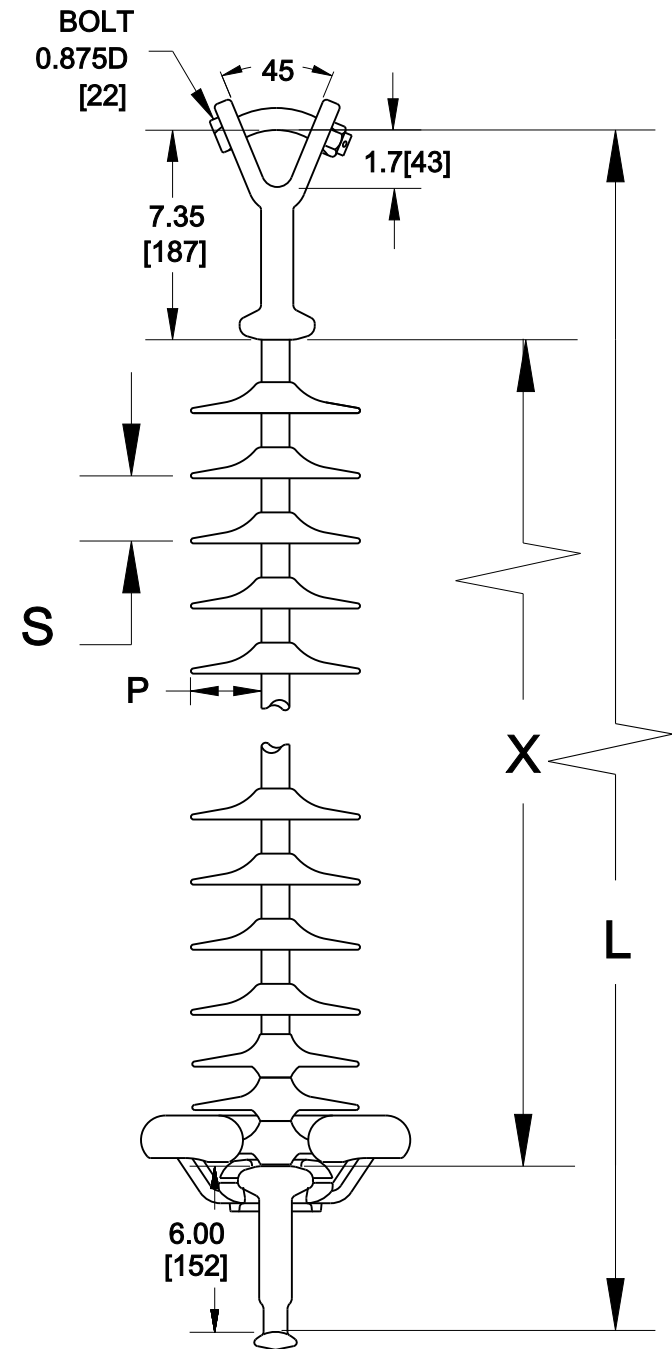
36,000 lbs

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.