

MPS Catalog Number:

S6 40 82 034 VA SS 021

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:

21 standard

Rod Diameter:

18 mm

Weight Estimate:

14.1 lbs

6.4 kg

**DIMENSIONAL VALUES**

Section Length (L):

47.4 in

1,204 mm

Rubber Length (X):

34 in

864 mm

Standard Shed Height (P):

2.2 in

55 mm

Shed Spacing (S):

1.59 in

40 mm

Dry Arc Distance:

34.2 in

869 mm

Leakage Distance:

114.2 in

2,901 mm

**ELECTRICAL VALUES**

60 Hz Dry Flashover:

340 kV

Min. Withstand:

316 kV

60 Hz Wet Flashover:

307 kV

Min. Withstand:

267 kV

Pos. Critical Impulse Flashover:

589 kV

Min. Withstand:

507 kV

Neg. Critical Impulse Flashover:

629 kV

Min. Withstand:

538 kV

**MECHANICAL VALUES**

Specified Mech. Load (SML):

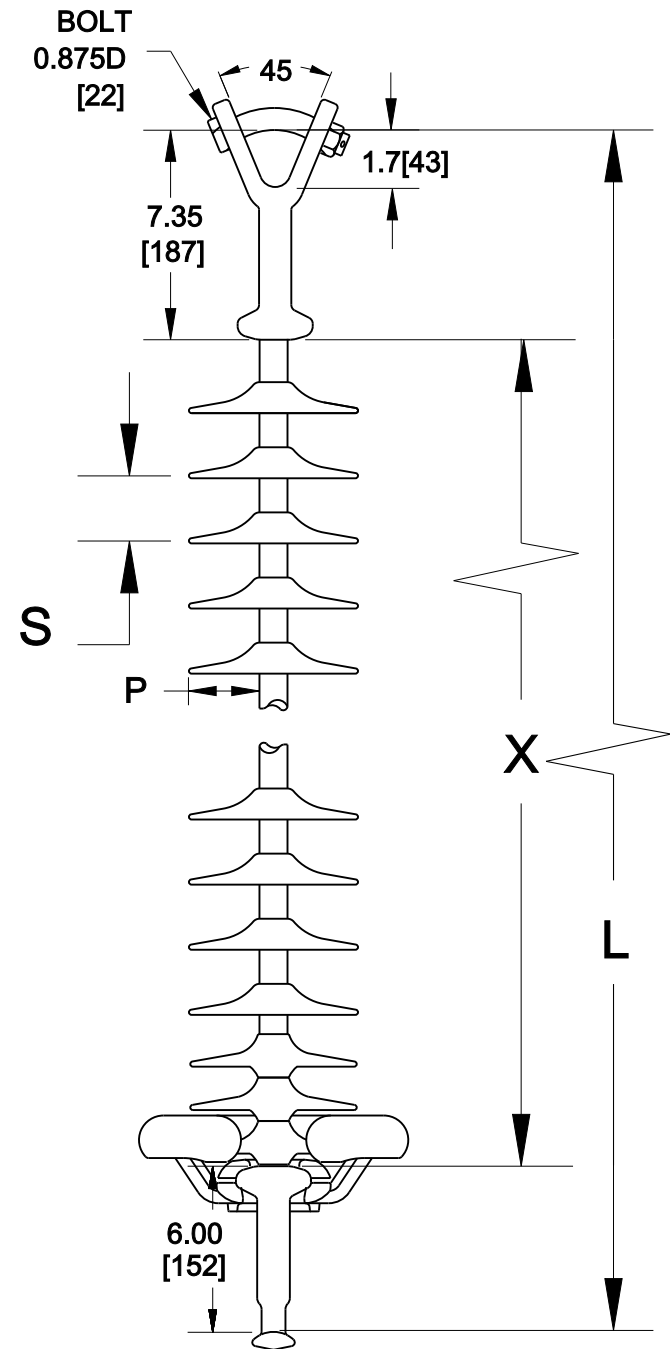
36,000 lbs

160.1 kN

Routine Test Load (RTL):

18,000 lbs

80.1 kN



This drawing contains confidential information that is property of MacLean Power L.L.C ('MacLean'). Use of MacLean's confidential information without MacLean's express written consent is strictly prohibited and may expose you to legal liability. If you believe that you received this material in error, please destroy it or return it to 'MacLean Power, L.L.C., 7801 Park Place Rd, York, SC, 29745, USA.'

Dimensions: inches [millimeters]

Note: Drawing not actual depiction of insulator appearance

Silicone Rubber Sheath & Sheds  
Complies with applicable ANSI and IEC standards.