

MPS Catalog Number:

S1 40 80 126 VB SS 061

Date:

09/05/2013

END FITTINGS

Tower End Fitting:

Y-Clevis

Line End Fitting:

Ball (ANSI 52-5)

MATERIAL

Corona Ring (Tower):

None

Corona Ring (Line):

12" Corona Ring

Corona Rings are recommended for applications of 230 kV and above

Number of Sheds:

61 standard

Rod Diameter:

16 mm

Weight Estimate:

29.8 lbs

13.5 kg

DIMENSIONAL VALUES

Section Length (L):

137.2 in

3,485 mm

Rubber Length (X):

126 in

3,189 mm

Standard Shed Height (P):

2.1 in

54 mm

Shed Spacing (S):

2.08 in

53 mm

Dry Arc Distance:

125.7 in

3,193 mm

Leakage Distance:

361 in

9,169 mm

ELECTRICAL VALUES

60 Hz Dry Flashover:

1,155 kV

Min. Withstand:

1,056 kV

60 Hz Wet Flashover:

1,000 kV

Min. Withstand:

830 kV

Pos. Critical Impulse Flashover:

1,957 kV

Min. Withstand:

1,753 kV

Neg. Critical Impulse Flashover:

2,025 kV

Min. Withstand:

1,815 kV

MECHANICAL VALUES

Specified Mech. Load (SML):

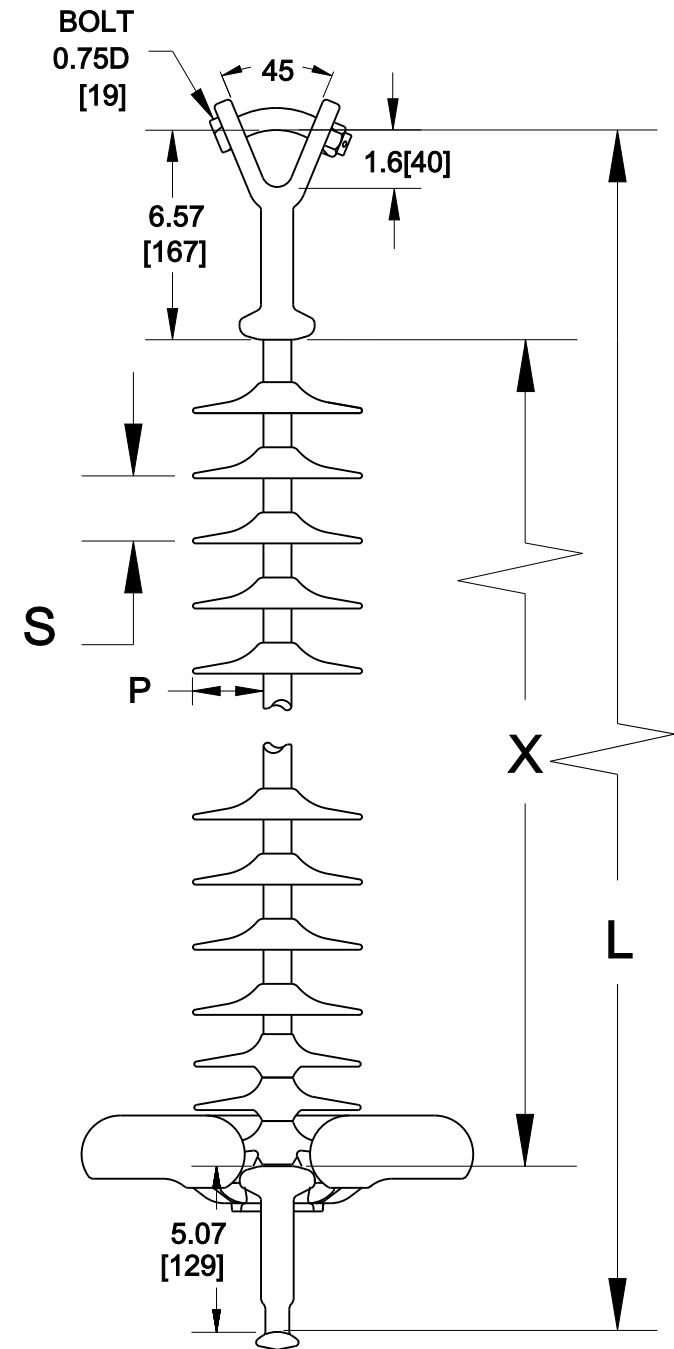
25,000 lbs

111.2 kN

Routine Test Load (RTL):

12,500 lbs

55.6 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.