

MPS Catalog Number:

S2 40 80 019 VX SS 011

Date:

02/20/2014

**END FITTINGS**

Tower End Fitting:

Y-Clevis

Line End Fitting:

Ball (ANSI 52-8/11)

**MATERIAL**

Corona Ring (Tower):

None

Corona Ring (Line):

None

Corona Rings are recommended for applications of 230 kV and above

Number of Sheds:

11 standard

Rod Diameter:

24 mm

Weight Estimate:

11.7 lbs

5.3 kg

**DIMENSIONAL VALUES**

Section Length (L):

33.6 in

853 mm

Rubber Length (X):

19 in

483 mm

Standard Shed Height (P):

2.1 in

54 mm

Shed Spacing (S):

1.72 in

44 mm

Dry Arc Distance:

22.7 in

577 mm

Leakage Distance:

60.4 in

1,534 mm

**ELECTRICAL VALUES**

60 Hz Dry Flashover:

230 kV

Min. Withstand:

215 kV

60 Hz Wet Flashover:

207 kV

Min. Withstand:

180 kV

Pos. Critical Impulse Flashover:

400 kV

Min. Withstand:

345 kV

Neg. Critical Impulse Flashover:

431 kV

Min. Withstand:

377 kV

**MECHANICAL VALUES**

Specified Mech. Load (SML):

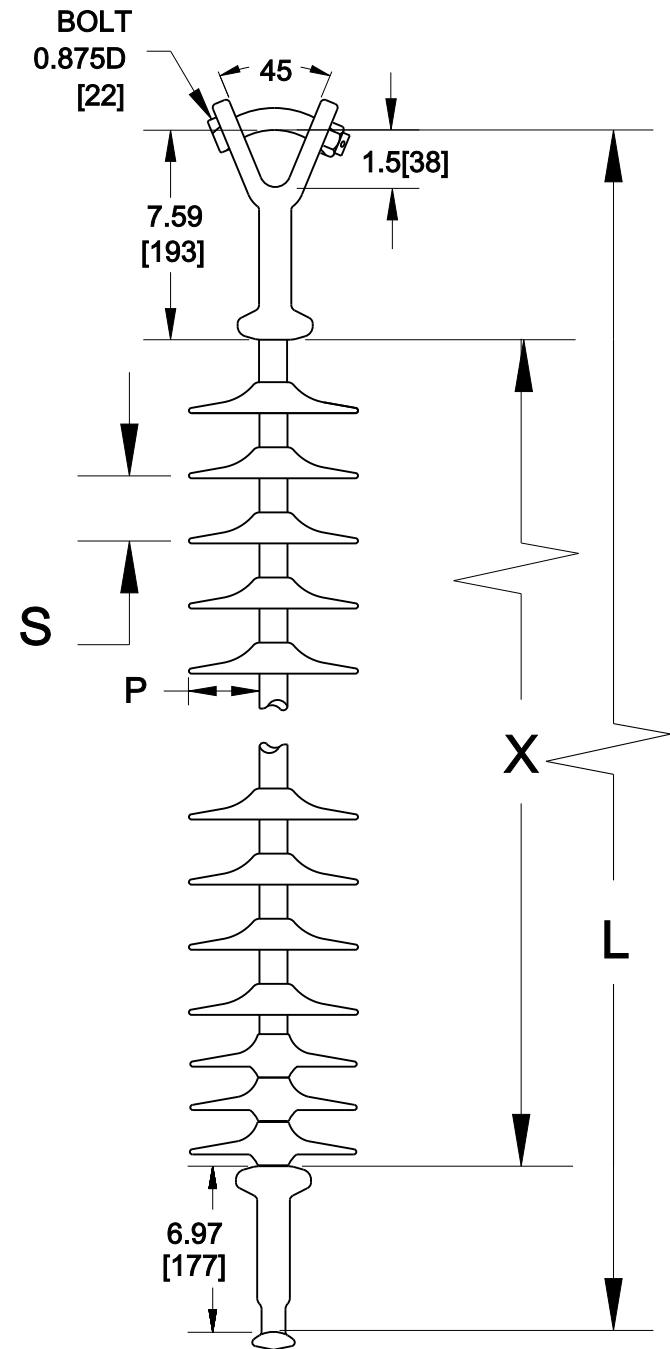
50,000 lbs

222.4 kN

Routine Test Load (RTL):

25,000 lbs

111.2 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.