

MPS Catalog Number:

S2 40 80 075 VA SS 043

Date:

02/24/2014

**END FITTINGS**

Tower End Fitting:

Y-Clevis

Line End Fitting:

Ball (ANSI 52-8/11)

**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:

43 standard

Rod Diameter:

24 mm

Weight Estimate:

27.9 lbs

12.7 kg

**DIMENSIONAL VALUES**

Section Length (L):

89.6 in

2,276 mm

Rubber Length (X):

75 in

1,905 mm

Standard Shed Height (P):

2.1 in

54 mm

Shed Spacing (S):

1.74 in

44 mm

Dry Arc Distance:

75.2 in

1,910 mm

Leakage Distance:

240.6 in

6,111 mm

**ELECTRICAL VALUES**

60 Hz Dry Flashover:

730 kV

Min. Withstand:

663 kV

60 Hz Wet Flashover:

630 kV

Min. Withstand:

548 kV

Pos. Critical Impulse Flashover:

1,221 kV

Min. Withstand:

1,084 kV

Neg. Critical Impulse Flashover:

1,279 kV

Min. Withstand:

1,113 kV

**MECHANICAL VALUES**

Specified Mech. Load (SML):

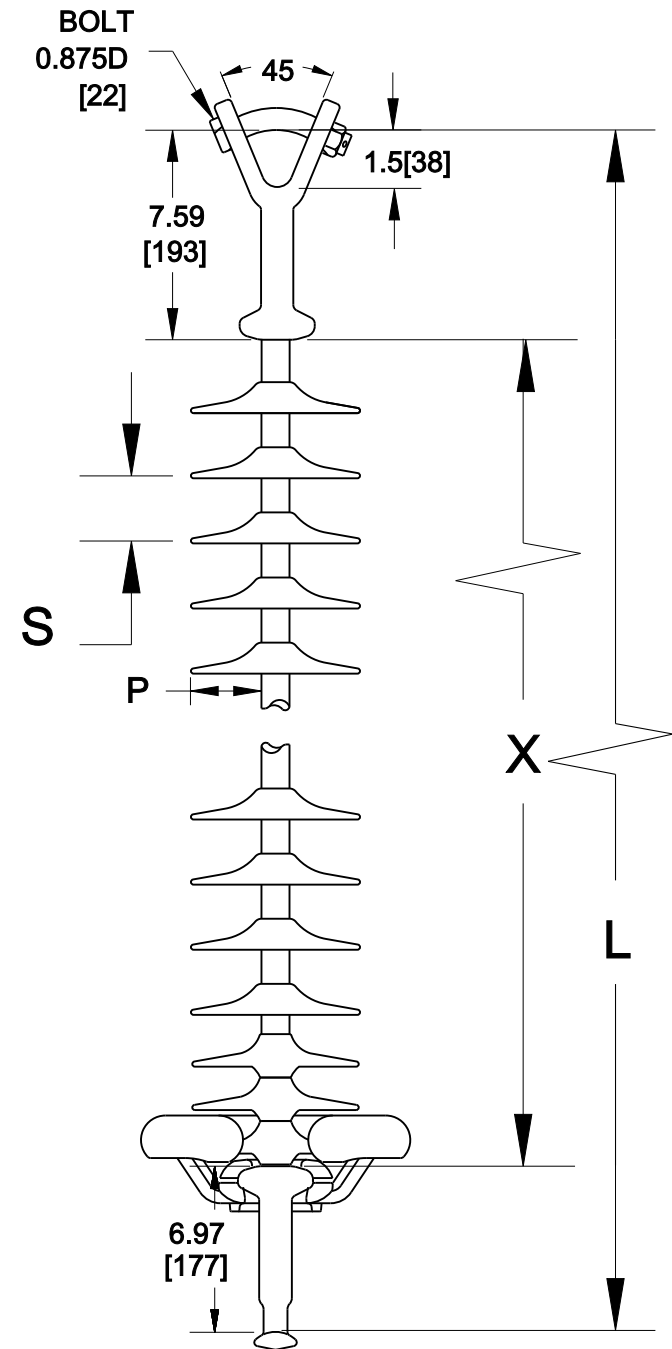
50,000 lbs

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.