

MPS Catalog Number:

S2 40 80 096 VA SS 039

Date:

05/07/2021

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:

39 Standard

Rod Diameter:

24 mm

Weight Estimate:

27.8 lbs

13 kg

Dimensional Values

Section Length (L):

110.6 in 2,809 mm

Rubber Length (X):

96 in 2,438 mm

Standard Shed Height (P):

2.1 in 54 mm

Shed Spacing (S):

2.55 in 65 mm

Dry Arc Distance:

96.1 in 2,441 mm

Leakage Distance:

246.1 in 6,251 mm

Electrical Values

60 Hz dry Flashover (Min. Withstand):

930 kV 830 kV

60 Hz Wet Flashover (Min. Withstand):

819 kV 675 kV

CIFO Positive (Min. Withstand):

1528 kV 1378 kV

CIFO Negative (Min. Withstand):

1592 kV 1443 kV

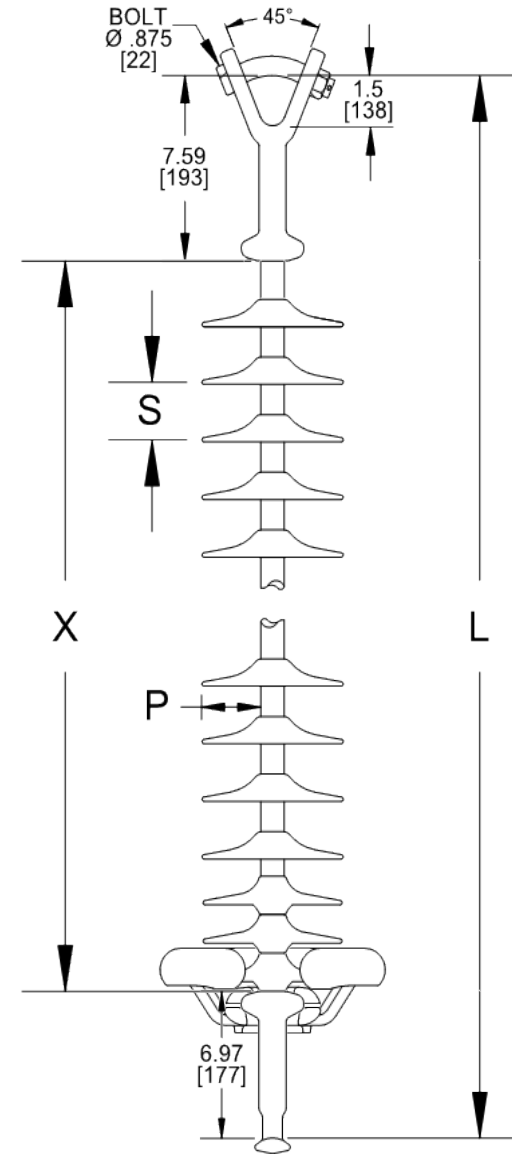
Mechanical Values

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 the 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, South Carolina 29745, USA."

Dimension: inches [millimeters]

NOTE: Drawing not actual depiction of insulator appearance.

Silicone rubber sheath and sheds complies with applicable ANSI and IEC standards.

Notes:

Prepared By: Laurel Wallace