

MPS Catalog Number:

S6 40 80 054 VX SS 032

Date:

05/11/2021

End Fittings

Tower End Fitting:

Y-Clevis

Line End Fitting:

Ball (IEC 20)

Material

Corona Ring (Tower):

None

Corona Ring (Line):

None

Corona Rings are recommended for applications of 230 kV and above

Number of Sheds:

32 Standard

Rod Diameter:

18 mm

Weight Estimate:

15.5 lbs

7 kg

Dimensional Values

Section Length (L):

67.4 in 1,712 mm

Rubber Length (X):

54 in 1,372 mm

Standard Shed Height (P):

2.2 in 55 mm

Shed Spacing (S):

1.68 in 43 mm

Dry Arc Distance:

57.5 in 1,461 mm

Leakage Distance:

176.9 in 4,493 mm

Electricals Values

60 Hz dry Flashover (Min. Withstand):

562 kV 516 kV

60 Hz Wet Flashover (Min. Withstand):

497 kV 432 kV

CIFO Positive (Min. Withstand):

954 kV 835 kV

CIFO Negative (Min. Withstand):

1006 kV 887 kV

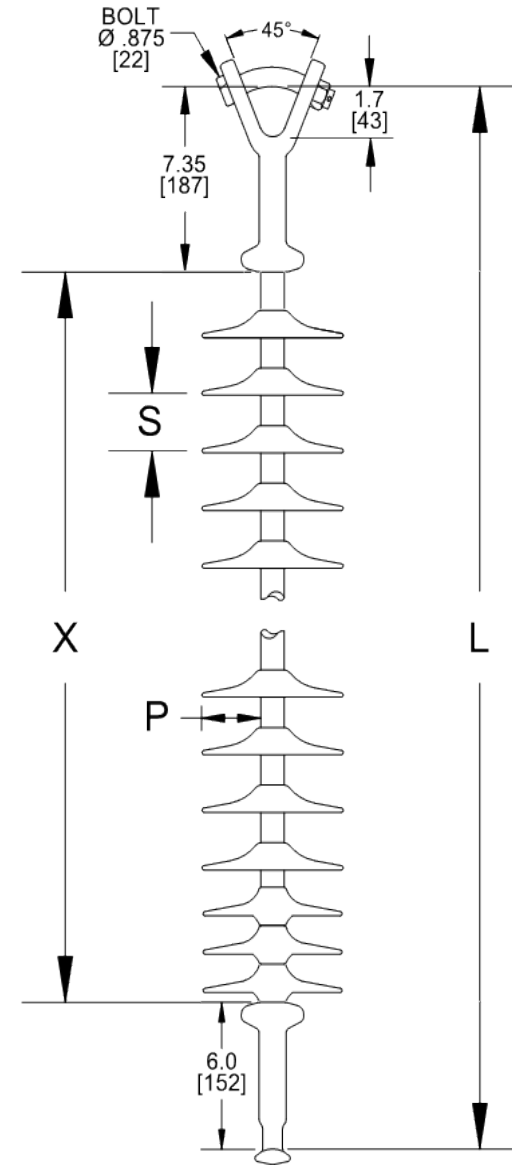
Mechanical Values

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 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