

MPS Catalog Number:

S6 40 80 108 VB SS 044

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):

12" Corona Ring

Corona Rings are recommended for applications of 230 kV and above

Number of Sheds:

44 Standard

Rod Diameter:

18 mm

Weight Estimate:

25.7 lbs

12 kg

Dimensional Values

Section Length (L):

121.4 in 3,084 mm

Rubber Length (X):

108 in 2,743 mm

Standard Shed Height (P):

2.2 in 55 mm

Shed Spacing (S):

2.53 in 64 mm

Dry Arc Distance:

108.1 in 2,746 mm

Leakage Distance:

277.5 in 7,049 mm

Electrical Values

60 Hz dry Flashover (Min. Withstand):

1026 kV 923 kV

60 Hz Wet Flashover (Min. Withstand):

897 kV 739 kV

CIFO Positive (Min. Withstand):

1703 kV 1534 kV

CIFO Negative (Min. Withstand):

1768 kV 1706 kV

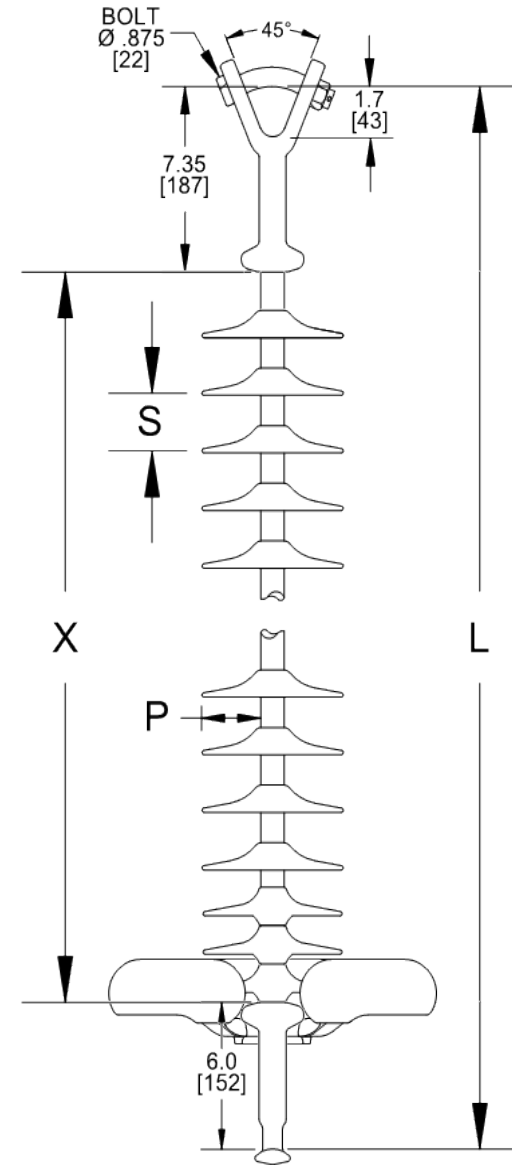
Mechanical Values

Specified Mech. Load (SML):

36,000 lbs 160.1 kN

Routine Test Load (RTL):

18,000 lbs 80.1 kN



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