

MPS Catalog Number:

S5 40 80 108 VB SS 044

Date:

05/18/2021

End Fittings

Tower End Fitting:

Y-Clevis

Line End Fitting:

Ball (ANSI 52-5)

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:

16 mm

Weight Estimate:

24.1 lbs

11 kg

Dimensional Values

Section Length (L):

119.6 in 3,038 mm

Rubber Length (X):

108 in 2,743 mm

Standard Shed Height (P):

2.1 in 54 mm

Shed Spacing (S):

2.53 in 64 mm

Dry Arc Distance:

108 in 2,743 mm

Leakage Distance:

277.5 in 7,049 mm

Electrical Values

60 Hz dry Flashover (Min. Withstand):

1025 kV 922 kV

60 Hz Wet Flashover (Min. Withstand):

896 kV 739 kV

CIFO Positive (Min. Withstand):

1701 kV 1532 kV

CIFO Negative (Min. Withstand):

1767 kV 1705 kV

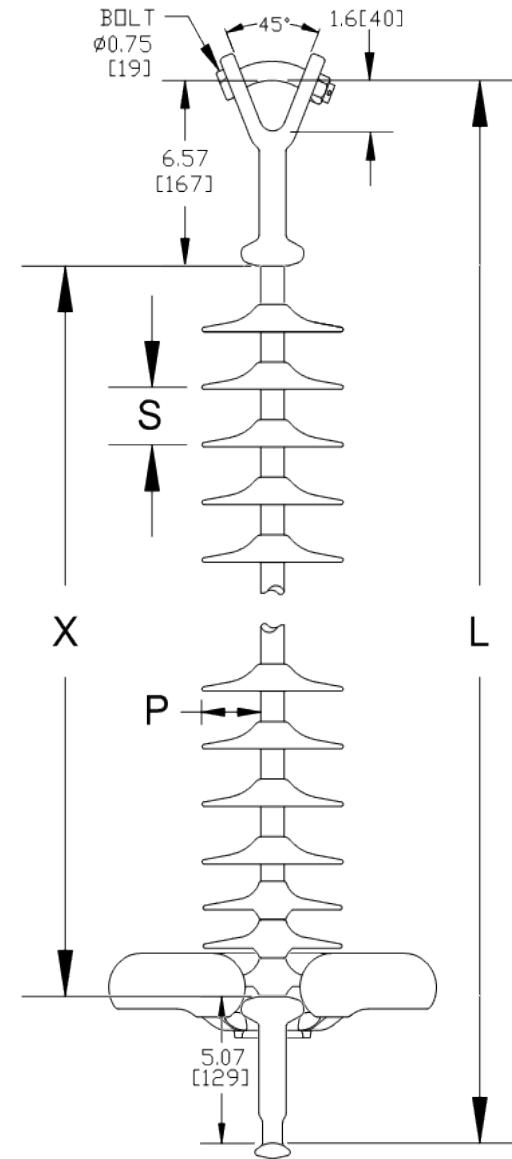
Mechanical Values

Specified Mech. Load (SML):

30,000 lbs 133.4 kN

Routine Test Load (RTL):

15,000 lbs 66.7 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