

MPS Catalog Number:

S5 40 80 114 VB SS 046

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:

46 Standard

Rod Diameter:

16 mm

Weight Estimate:

24.9 lbs

11 kg

Dimensional Values

Section Length (L):

125.6 in 3,190 mm

Rubber Length (X):

114 in 2,896 mm

Standard Shed Height (P):

2.1 in 54 mm

Shed Spacing (S):

2.55 in 65 mm

Dry Arc Distance:

114 in 2,896 mm

Leakage Distance:

291.2 in 7,396 mm

Electricals Values

60 Hz dry Flashover (Min. Withstand):

1069 kV 968 kV

60 Hz Wet Flashover (Min. Withstand):

933 kV 770 kV

CIFO Positive (Min. Withstand):

1788 kV 1607 kV

CIFO Negative (Min. Withstand):

1855 kV 1785 kV

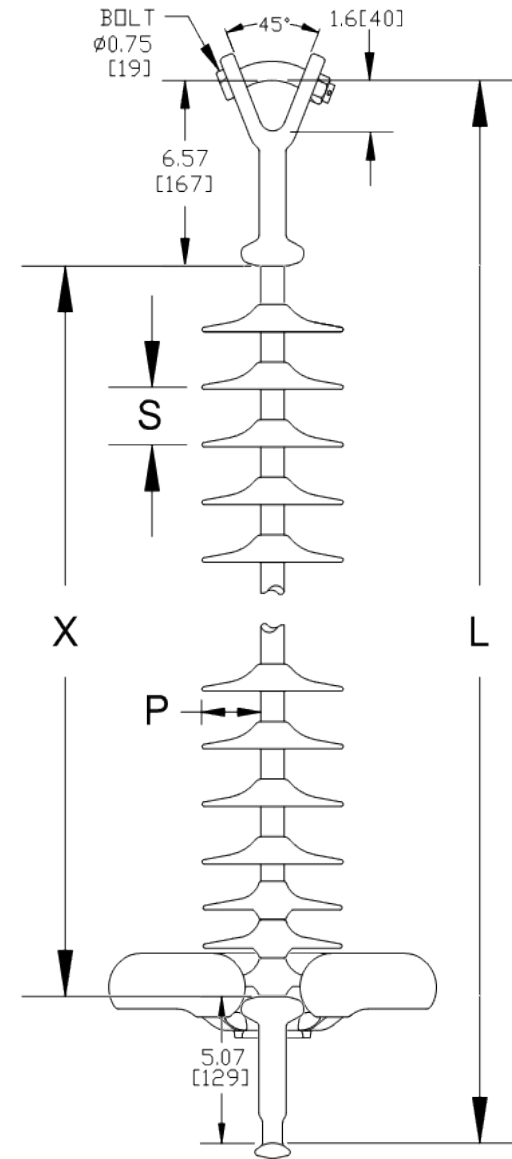
Mechanical Values

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