

MPS Catalog Number:

S6 40 80 114 VB SS 046

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:

46 Standard

Rod Diameter:

18 mm

Weight Estimate:

26.5 lbs

12 kg

Dimensional Values

Section Length (L):

127.4 in 3,236 mm

Rubber Length (X):

114 in 2,896 mm

Standard Shed Height (P):

2.2 in 55 mm

Shed Spacing (S):

2.55 in 65 mm

Dry Arc Distance:

114.1 in 2,898 mm

Leakage Distance:

291.2 in 7,396 mm

Electricals Values

60 Hz dry Flashover (Min. Withstand):

1070 kV 969 kV

60 Hz Wet Flashover (Min. Withstand):

934 kV 770 kV

CIFO Positive (Min. Withstand):

1790 kV 1608 kV

CIFO Negative (Min. Withstand):

1856 kV 1786 kV

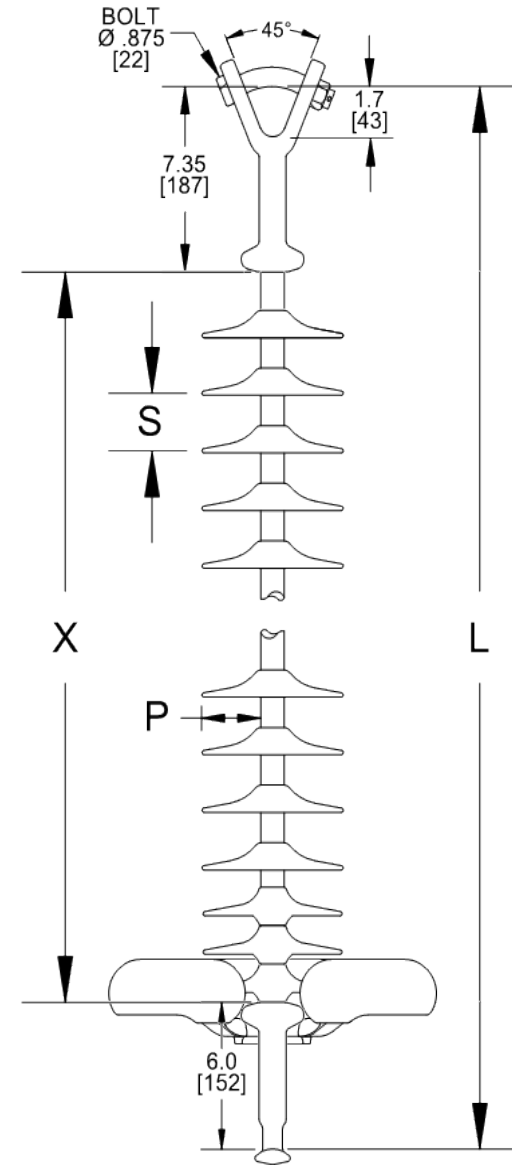
Mechanical Values

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