

MPS Catalog Number:

S2 40 80 072 VA SS 030

Date:

05/05/2021

End Fittings

Tower End Fitting:

Y-Clevis

Line End Fitting:

Ball (ANSI 52-8/11)

Material

Corona Ring (Tower):

None

Corona Ring (Line):

8" Corona Ring

Corona Rings are recommended for applications of 230 kV and above

Number of Sheds:

30 Standard

Rod Diameter:

24 mm

Weight Estimate:

23.3 lbs

11 kg

Dimensional Values

Section Length (L):

86.6 in 2,200 mm

Rubber Length (X):

72 in 1,829 mm

Standard Shed Height (P):

2.1 in 54 mm

Shed Spacing (S):

2.5 in 64 mm

Dry Arc Distance:

72.1 in 1,831 mm

Leakage Distance:

187.1 in 4,752 mm

Electricals Values

60 Hz dry Flashover (Min. Withstand):

701 kV 637 kV

60 Hz Wet Flashover (Min. Withstand):

608 kV 529 kV

CIFO Positive (Min. Withstand):

1175 kV 1040 kV

CIFO Negative (Min. Withstand):

1232 kV 1097 kV

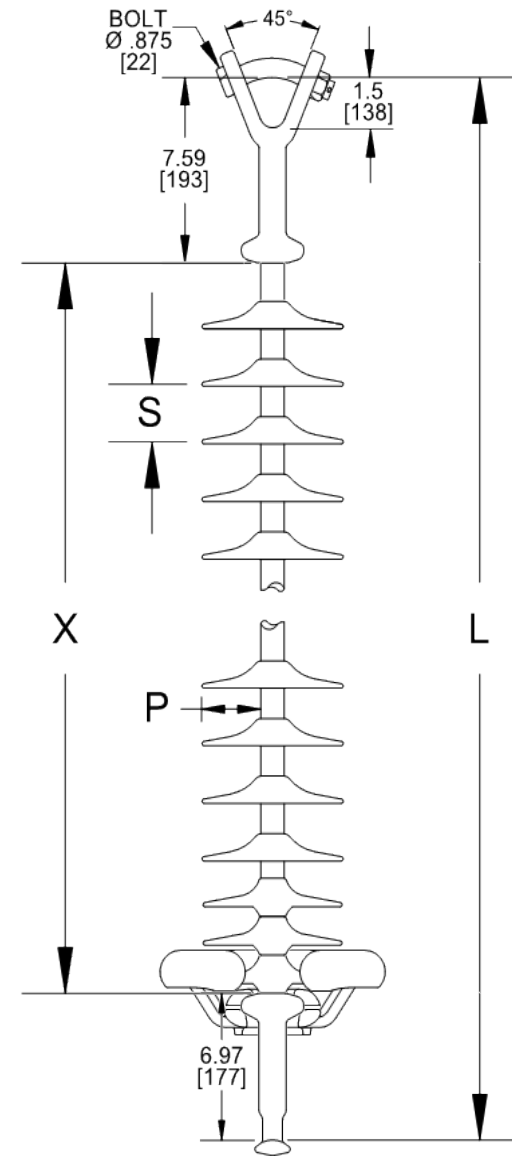
Mechanical Values

Specified Mech. Load (SML):

50,000 lbs 222.4 kN

Routine Test Load (RTL):

25,000 lbs 111.2 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