

MPS Catalog Number:

S2 40 80 084 VA SS 049

Date:

05/07/2021

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:

49 Standard

Rod Diameter:

24 mm

Weight Estimate:

29.9 lbs 14 kg

Dimensional Values

Section Length (L):

98.6 in 2,504 mm

Rubber Length (X):

84 in 2,134 mm

Standard Shed Height (P):

2.1 in 54 mm

Shed Spacing (S):

1.71 in 43 mm

Dry Arc Distance:

84.1 in 2,136 mm

Leakage Distance:

272.9 in 6,932 mm

Electricals Values

60 Hz dry Flashover (Min. Withstand):

815 kV 735 kV

60 Hz Wet Flashover (Min. Withstand):

694 kV 604 kV

CIFO Positive (Min. Withstand):

1353 kV 1209 kV

CIFO Negative (Min. Withstand):

1413 kV 1270 kV

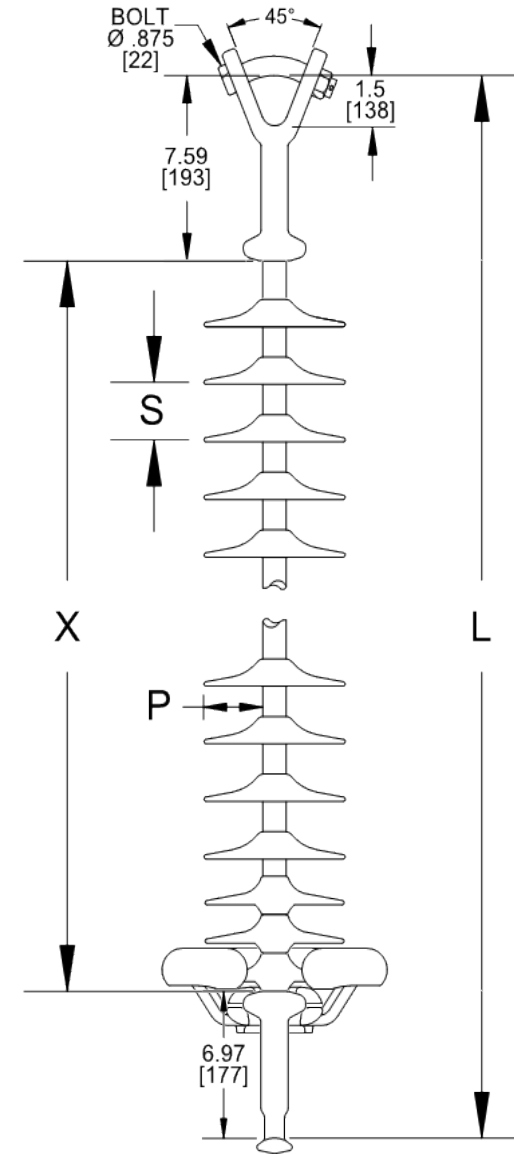
Mechanical Values

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