

MPS Catalog Number:

S2 40 80 102 VA SS 041

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:

41 Standard

Rod Diameter:

24 mm

Weight Estimate:

28.8 lbs

13 kg

Dimensional Values

Section Length (L):

116.6 in 2,962 mm

Rubber Length (X):

102 in 2,591 mm

Standard Shed Height (P):

2.1 in 54 mm

Shed Spacing (S):

2.57 in 65 mm

Dry Arc Distance:

102.1 in 2,593 mm

Leakage Distance:

259.8 in 6,599 mm

Electrical Values

60 Hz dry Flashover (Min. Withstand):

982 kV 877 kV

60 Hz Wet Flashover (Min. Withstand):

859 kV 708 kV

CIFO Positive (Min. Withstand):

1616 kV 1459 kV

CIFO Negative (Min. Withstand):

1680 kV 1627 kV

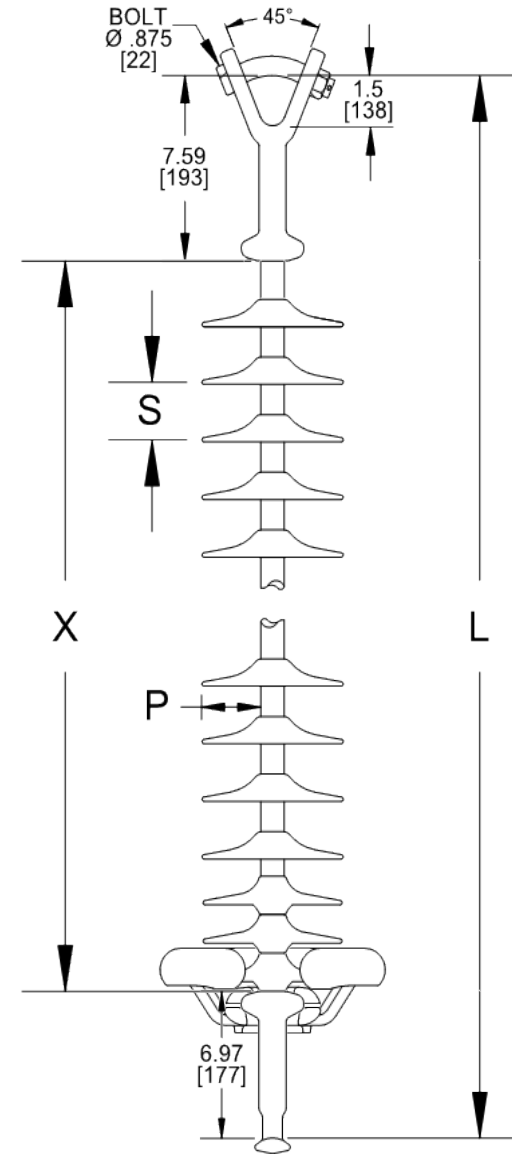
Mechanical Values

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