

MPS Catalog Number:

S2 40 80 090 VA SS 037

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:

37 Standard

Rod Diameter:

24 mm

Weight Estimate:

26.7 lbs 12 kg

Dimensional Values

Section Length (L):

104.6 in 2,657 mm

Rubber Length (X):

90 in 2,286 mm

Standard Shed Height (P):

2.1 in 54 mm

Shed Spacing (S):

2.52 in 64 mm

Dry Arc Distance:

90.1 in 2,289 mm

Leakage Distance:

232.3 in 5,900 mm

Electricals Values

60 Hz dry Flashover (Min. Withstand):

872 kV 783 kV

60 Hz Wet Flashover (Min. Withstand):

777 kV 640 kV

CIFO Positive (Min. Withstand):

1441 kV 1294 kV

CIFO Negative (Min. Withstand):

1503 kV 1356 kV

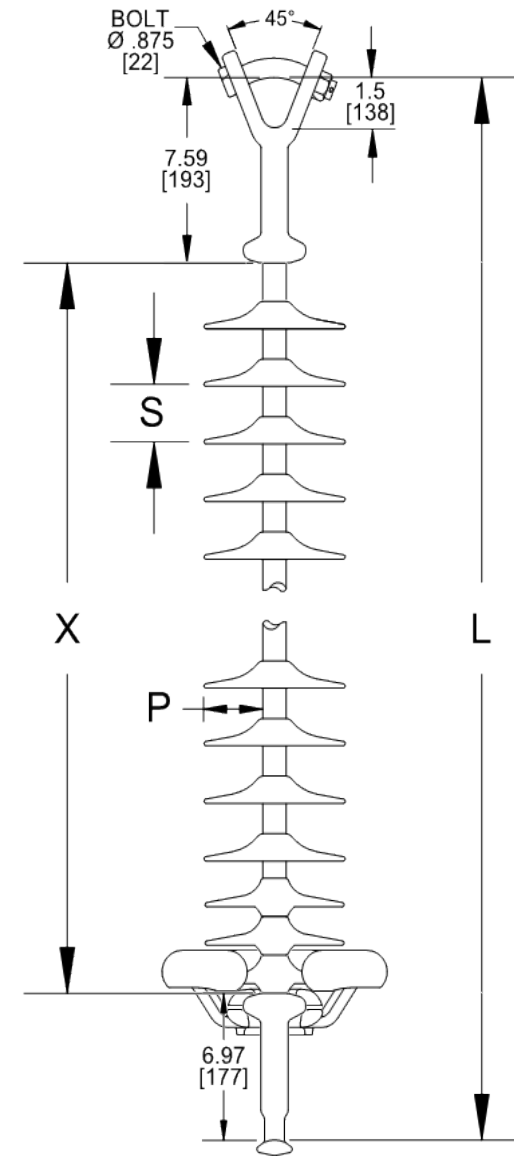
Mechanical Values

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