

MPS Catalog Number:

S2 40 80 024 VX SS 011

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):

None

Corona Rings are recommended for applications of 230 kV and above

Number of Sheds:

11 Standard

Rod Diameter:

24 mm

Weight Estimate:

11.9 lbs

5 kg

Dimensional Values

Section Length (L):

38.6 in 980 mm

Rubber Length (X):

24 in 610 mm

Standard Shed Height (P):

2.1 in 54 mm

Shed Spacing (S):

2.44 in 62 mm

Dry Arc Distance:

27.4 in 696 mm

Leakage Distance:

65.4 in 1,661 mm

Electricals Values

60 Hz dry Flashover (Min. Withstand):

275 kV 257 kV

60 Hz Wet Flashover (Min. Withstand):

248 kV 216 kV

CIFO Positive (Min. Withstand):

478 kV 411 kV

CIFO Negative (Min. Withstand):

513 kV 453 kV

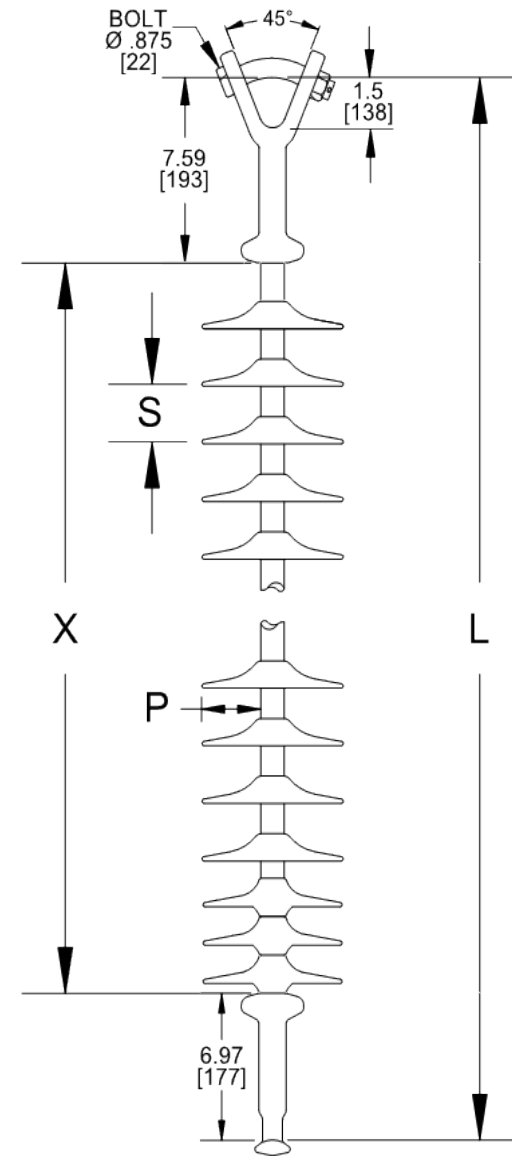
Mechanical Values

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