

MPS Catalog Number:

S5 40 80 072 VA SS 042

Date:

05/18/2021

End Fittings

Tower End Fitting:

Y-Clevis

Line End Fitting:

Ball (ANSI 52-5)

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:

42 Standard

Rod Diameter:

16 mm

Weight Estimate:

20 lbs

9 kg

Dimensional Values

Section Length (L):

83.6 in 2,123 mm

Rubber Length (X):

72 in 1,829 mm

Standard Shed Height (P):

2.1 in 54 mm

Shed Spacing (S):

1.71 in 43 mm

Dry Arc Distance:

72 in 1,829 mm

Leakage Distance:

233.7 in 5,936 mm

Electrical Values

60 Hz dry Flashover (Min. Withstand):

700 kV 637 kV

60 Hz Wet Flashover (Min. Withstand):

607 kV 528 kV

CIFO Positive (Min. Withstand):

1173 kV 1039 kV

CIFO Negative (Min. Withstand):

1230 kV 1095 kV

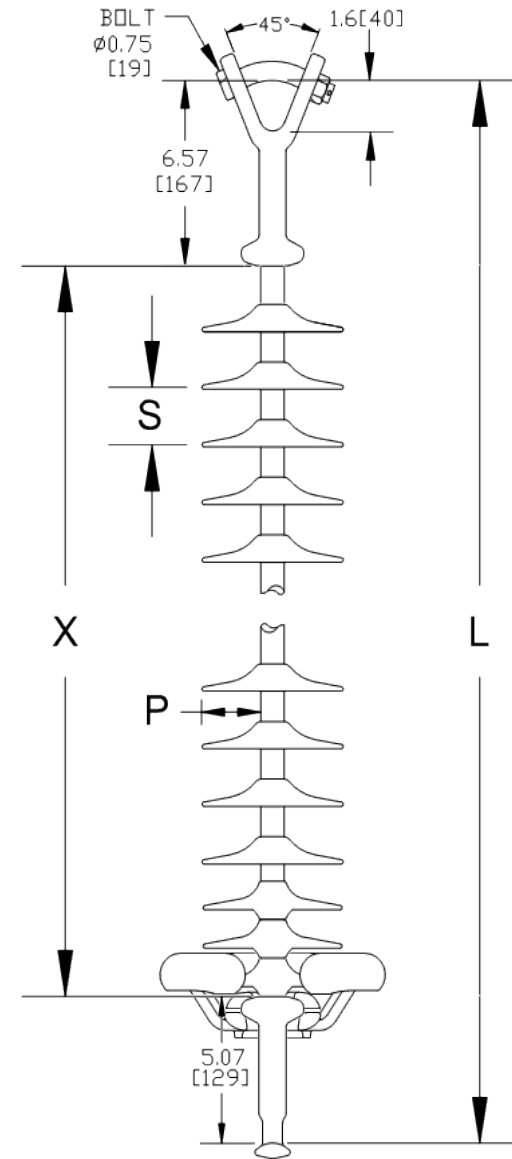
Mechanical Values

Specified Mech. Load (SML):

30,000 lbs 133.4 kN

Routine Test Load (RTL):

15,000 lbs 66.7 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