

MPS Catalog Number:

S5 40 80 066 VX SS 027

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):

None

Corona Rings are recommended for applications of 230 kV and above

Number of Sheds:

27 Standard

Rod Diameter:

16 mm

Weight Estimate:

13.7 lbs

6 kg

Dimensional Values

Section Length (L):

77.6 in 1,971 mm

Rubber Length (X):

66 in 1,676 mm

Standard Shed Height (P):

2.1 in 54 mm

Shed Spacing (S):

2.57 in 65 mm

Dry Arc Distance:

69.4 in 1,763 mm

Leakage Distance:

169.5 in 4,305 mm

Electrical Values

60 Hz dry Flashover (Min. Withstand):

675 kV 615 kV

60 Hz Wet Flashover (Min. Withstand):

588 kV 511 kV

CIFO Positive (Min. Withstand):

1134 kV 1002 kV

CIFO Negative (Min. Withstand):

1191 kV 1058 kV

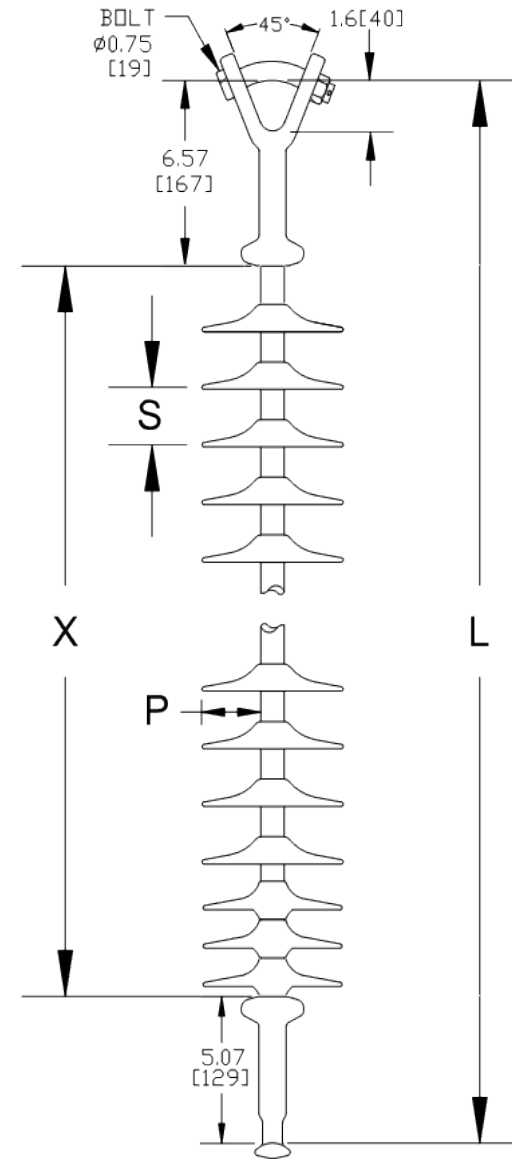
Mechanical Values

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