

MPS Catalog Number:

S5 40 80 042 VX SS 025

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:

25 Standard

Rod Diameter:

16 mm

Weight Estimate:

12.2 lbs

6 kg

Dimensional Values

Section Length (L):

53.6 in 1,361 mm

Rubber Length (X):

42 in 1,067 mm

Standard Shed Height (P):

2.1 in 54 mm

Shed Spacing (S):

1.67 in 42 mm

Dry Arc Distance:

45.4 in 1,153 mm

Leakage Distance:

137.7 in 3,498 mm

Electrical Values

60 Hz dry Flashover (Min. Withstand):

447 kV 413 kV

60 Hz Wet Flashover (Min. Withstand):

400 kV 348 kV

CIFO Positive (Min. Withstand):

767 kV 665 kV

CIFO Negative (Min. Withstand):

813 kV 712 kV

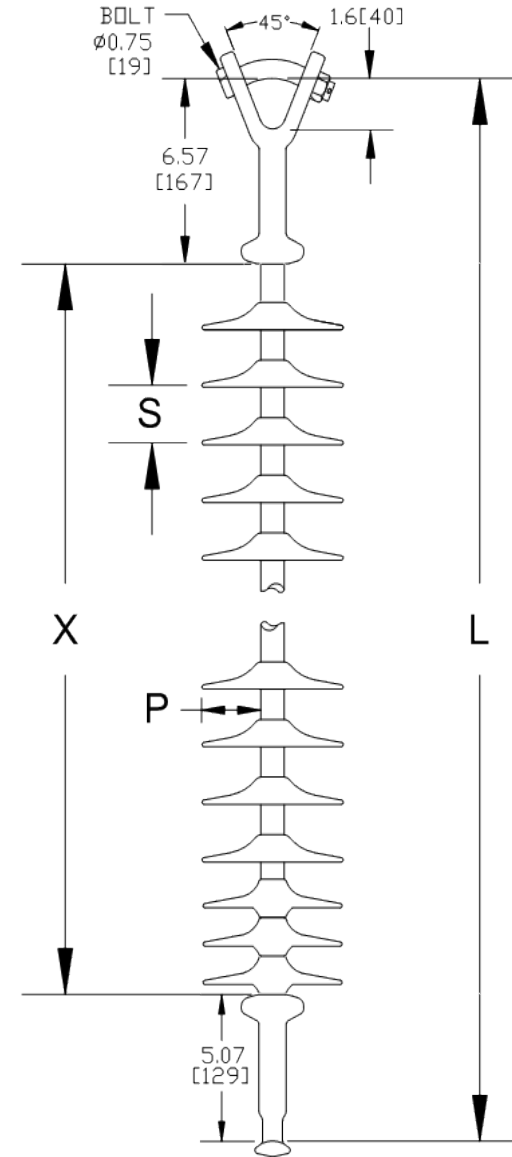
Mechanical Values

Specified Mech. Load (SML):

30,000 lbs 133.4 kN

Routine Test Load (RTL):

15,000 lbs 66.7 kN



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Dimension: inches [millimeters]

NOTE: Drawing not actual depiction of insulator appearance.

Silicone rubber sheath and sheds complies with applicable ANSI and IEC standards.

Notes:

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