

MPS Catalog Number:

S5 40 80 030 VX SS 018

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:

18 Standard

Rod Diameter:

16 mm

Weight Estimate:

9.9 lbs 4 kg

Dimensional Values

Section Length (L):

41.6 in 1,057 mm

Rubber Length (X):

30 in 762 mm

Standard Shed Height (P):

2.1 in 54 mm

Shed Spacing (S):

1.65 in 42 mm

Dry Arc Distance:

33.4 in 848 mm

Leakage Distance:

98.6 in 2,504 mm

Electricals Values

60 Hz dry Flashover (Min. Withstand):

332 kV 309 kV

60 Hz Wet Flashover (Min. Withstand):

300 kV 261 kV

CIFO Positive (Min. Withstand):

576 kV 496 kV

CIFO Negative (Min. Withstand):

615 kV 539 kV

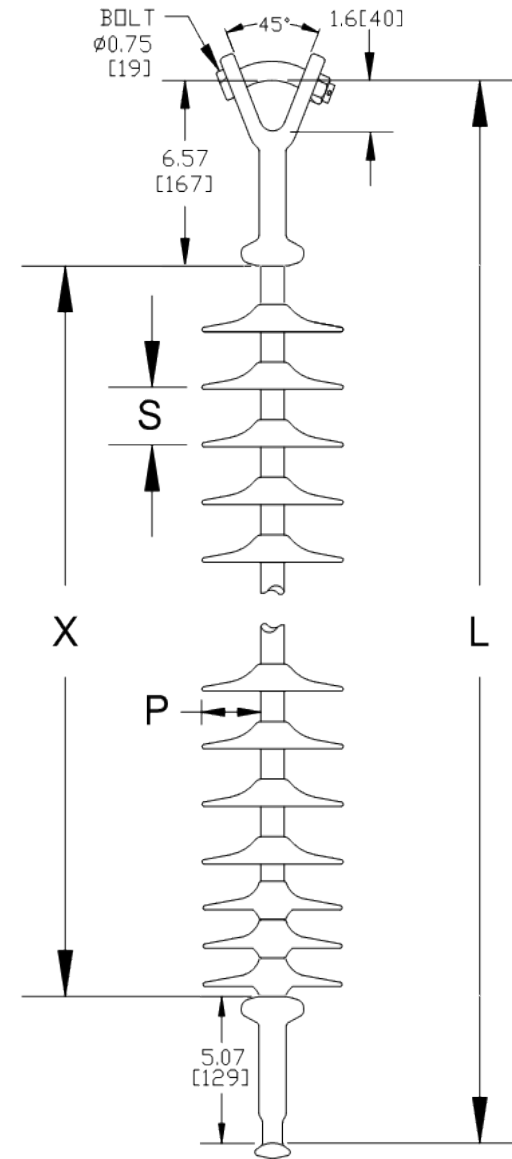
Mechanical Values

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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