

MPS Catalog Number:
Date:

S5 40 80 084 VA SS 028
09/05/2013

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: 28 standard
Rod Diameter: 16 mm
Weight Estimate: 16.9 lbs 7.7 kg

DIMENSIONAL VALUES

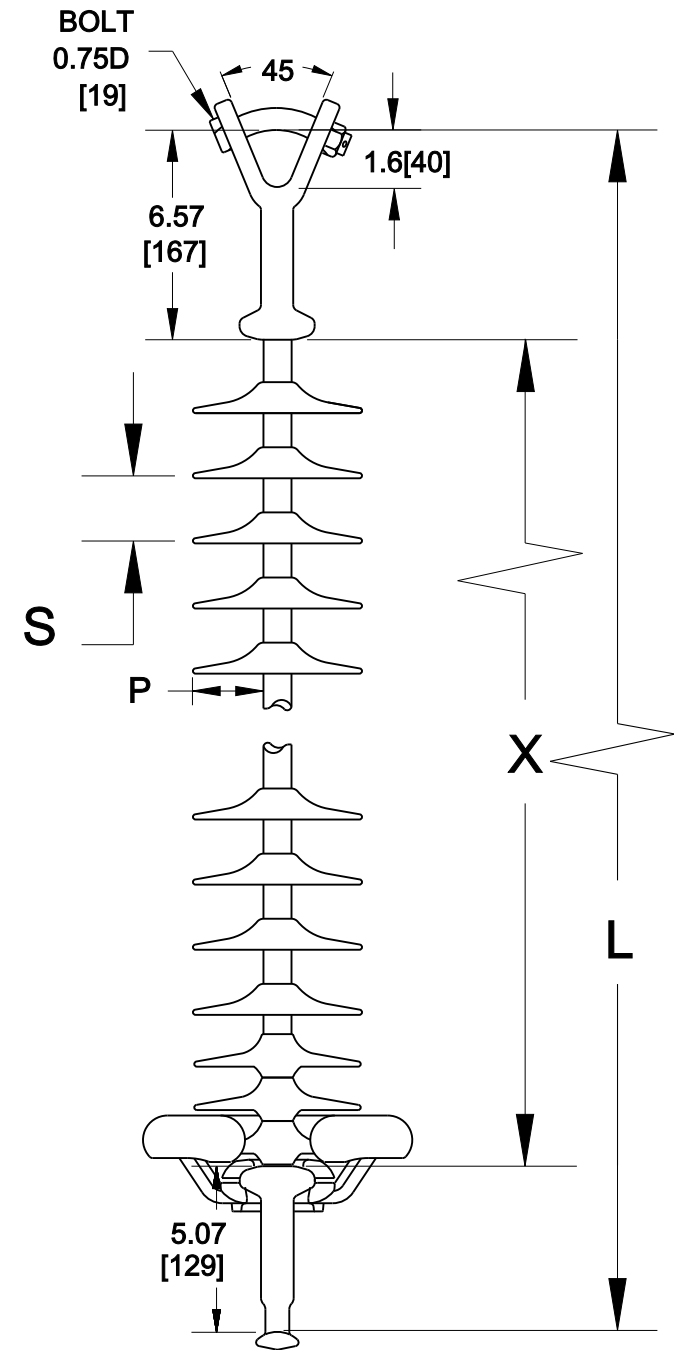
Section Length (L): 95.2 in 2,418 mm
Rubber Length (X): 84 in 2,122 mm
Standard Shed Height (P): 2.1 in 54 mm
Shed Spacing (S): 3.19 in 81 mm
Dry Arc Distance: 83.7 in 2,126 mm
Leakage Distance: 190.9 in 4,849 mm

ELECTRICAL VALUES

60 Hz Dry Flashover: 811 kV Min. Withstand: 732 kV
60 Hz Wet Flashover: 691 kV Min. Withstand: 601 kV
Pos. Critical Impulse Flashover: 1,347 kV Min. Withstand: 1,204 kV
Neg. Critical Impulse Flashover: 1,407 kV Min. Withstand: 1,232 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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Dimensions: inches [millimeters]
Note: Drawing not actual depiction of insulator appearance

Silicone Rubber Sheath & Sheds
Complies with applicable ANSI and IEC standards.