

MPS Catalog Number:
Date:

S1 40 80 066 VA SS 022
09/04/2013

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: 22 standard
Rod Diameter: 16 mm
Weight Estimate: 14.6 lbs 6.6 kg

DIMENSIONAL VALUES

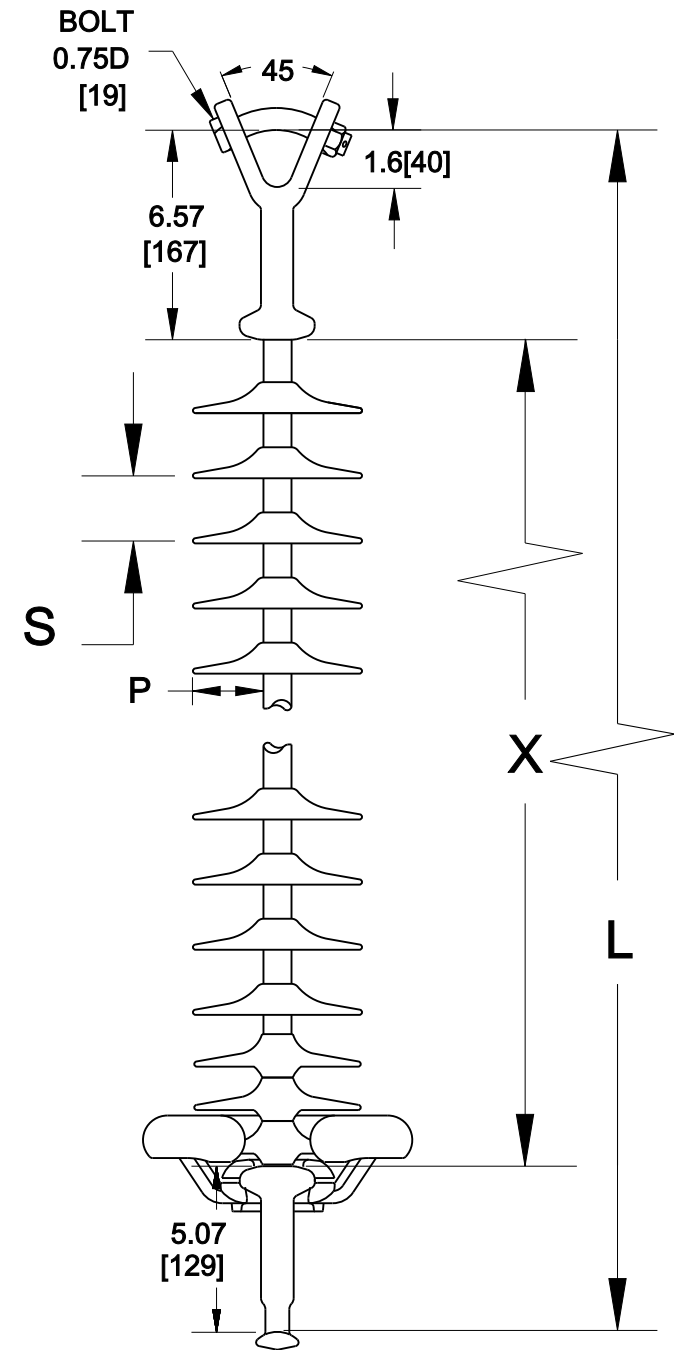
Section Length (L): 77.2 in 1,961 mm
Rubber Length (X): 66 in 1,665 mm
Standard Shed Height (P): 2.1 in 54 mm
Shed Spacing (S): 3.25 in 83 mm
Dry Arc Distance: 65.7 in 1,669 mm
Leakage Distance: 149.7 in 3,802 mm

ELECTRICAL VALUES

60 Hz Dry Flashover: 640 kV Min. Withstand: 585 kV
60 Hz Wet Flashover: 560 kV Min. Withstand: 487 kV
Pos. Critical Impulse Flashover: 1,078 kV Min. Withstand: 950 kV
Neg. Critical Impulse Flashover: 1,134 kV Min. Withstand: 980 kV

MECHANICAL VALUES

Specified Mech. Load (SML): 25,000 lbs 111.2 kN
Routine Test Load (RTL): 12,500 lbs 55.6 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.