

MPS Catalog Number:
Date:

S5 40 80 066 VX SS 014
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): None
Corona Rings are recommended for applications of 230 kV and above
Number of Sheds: 14 standard
Rod Diameter: 16 mm
Weight Estimate: 15.3 lbs 6.9 kg

DIMENSIONAL VALUES

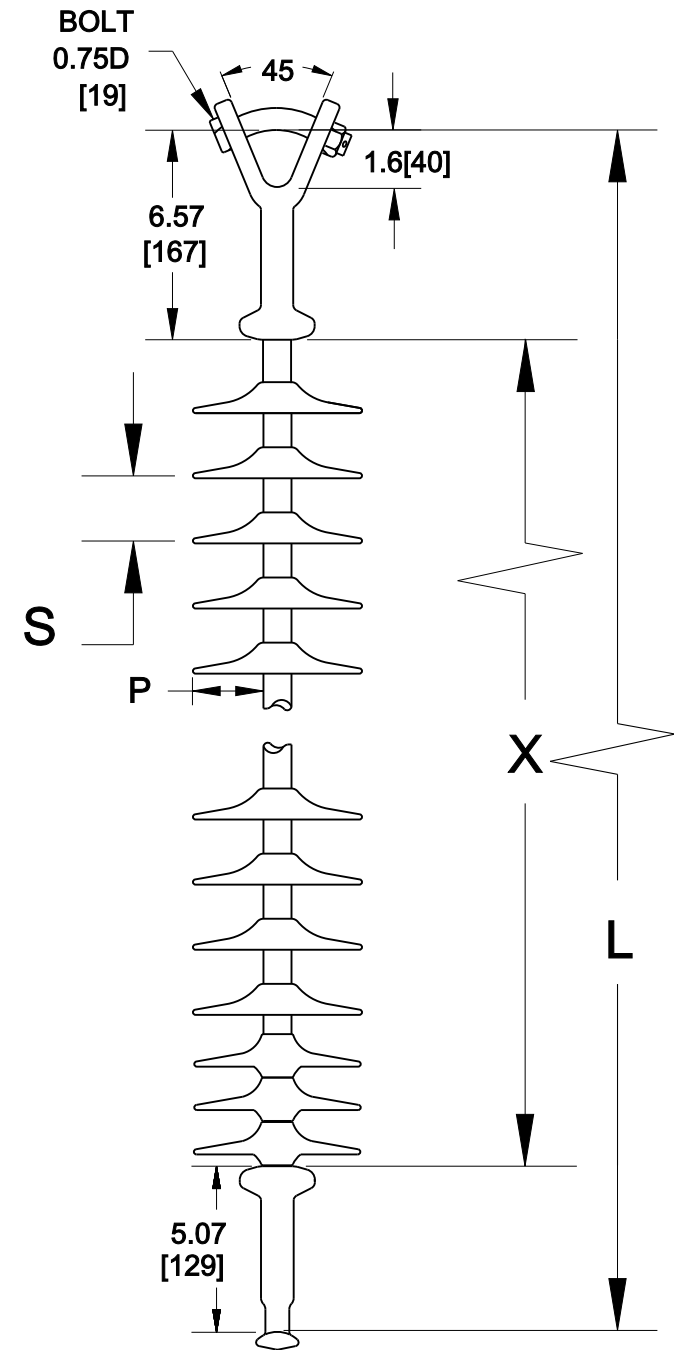
Section Length (L): 77.2 in 1,961 mm
Rubber Length (X): 66 in 1,665 mm
Standard Shed Height (P): 2.1 in 54 mm
Shed Spacing (S): 5.86 in 149 mm
Dry Arc Distance: 69.2 in 1,758 mm
Leakage Distance: 118.6 in 3,012 mm

ELECTRICAL VALUES

60 Hz Dry Flashover: 673 kV Min. Withstand: 614 kV
60 Hz Wet Flashover: 586 kV Min. Withstand: 510 kV
Pos. Critical Impulse Flashover: 1,131 kV Min. Withstand: 1,000 kV
Neg. Critical Impulse Flashover: 1,188 kV Min. Withstand: 1,029 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.