

MPS Catalog Number:
Date:

S1 40 80 054 VX SS 027
09/03/2013

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: 27 standard
Rod Diameter: 16 mm
Weight Estimate: 13.2 lbs 6 kg

DIMENSIONAL VALUES

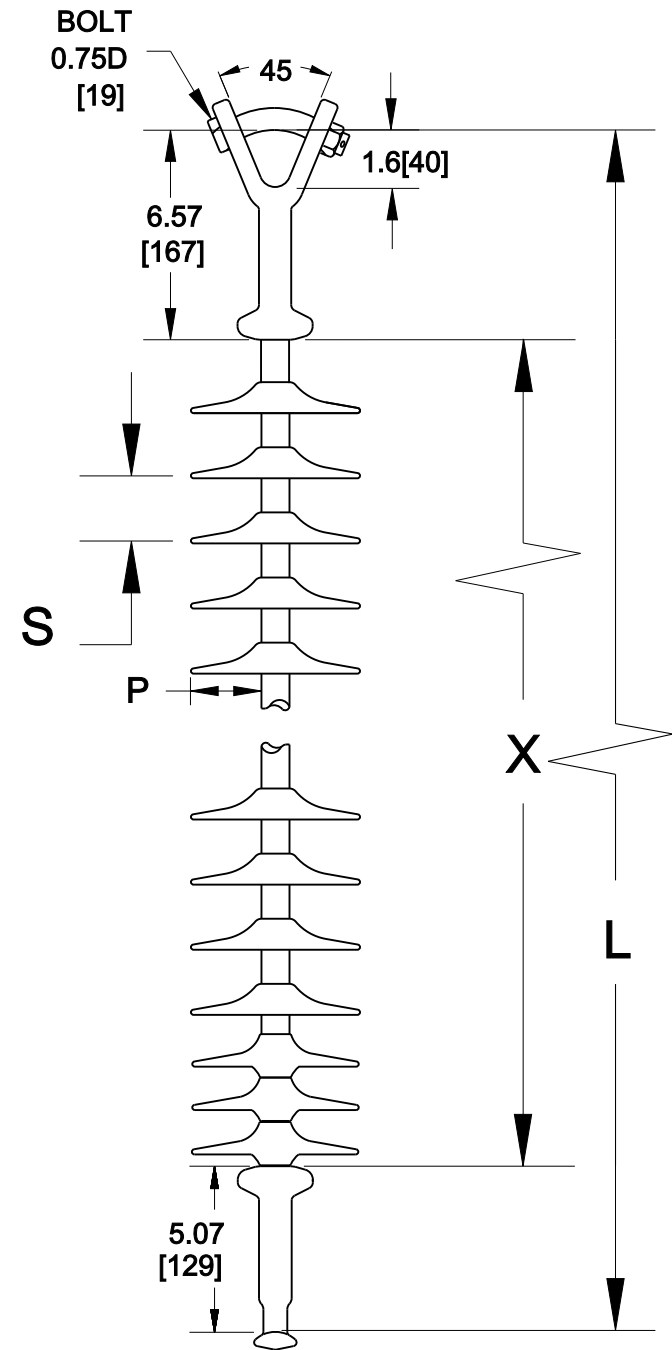
Section Length (L): 65.2 in 1,656 mm
Rubber Length (X): 54 in 1,360 mm
Standard Shed Height (P): 2.1 in 54 mm
Shed Spacing (S): 2.03 in 52 mm
Dry Arc Distance: 57.2 in 1,453 mm
Leakage Distance: 157.1 in 3,990 mm

ELECTRICAL VALUES

60 Hz Dry Flashover: 559 kV Min. Withstand: 514 kV
60 Hz Wet Flashover: 495 kV Min. Withstand: 430 kV
Pos. Critical Impulse Flashover: 949 kV Min. Withstand: 831 kV
Neg. Critical Impulse Flashover: 1,001 kV Min. Withstand: 861 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.