

MPS Catalog Number:
Date:

S1 40 80 042 VX SS 014
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: 14 standard
Rod Diameter: 16 mm
Weight Estimate: 9.4 lbs 4.3 kg

DIMENSIONAL VALUES

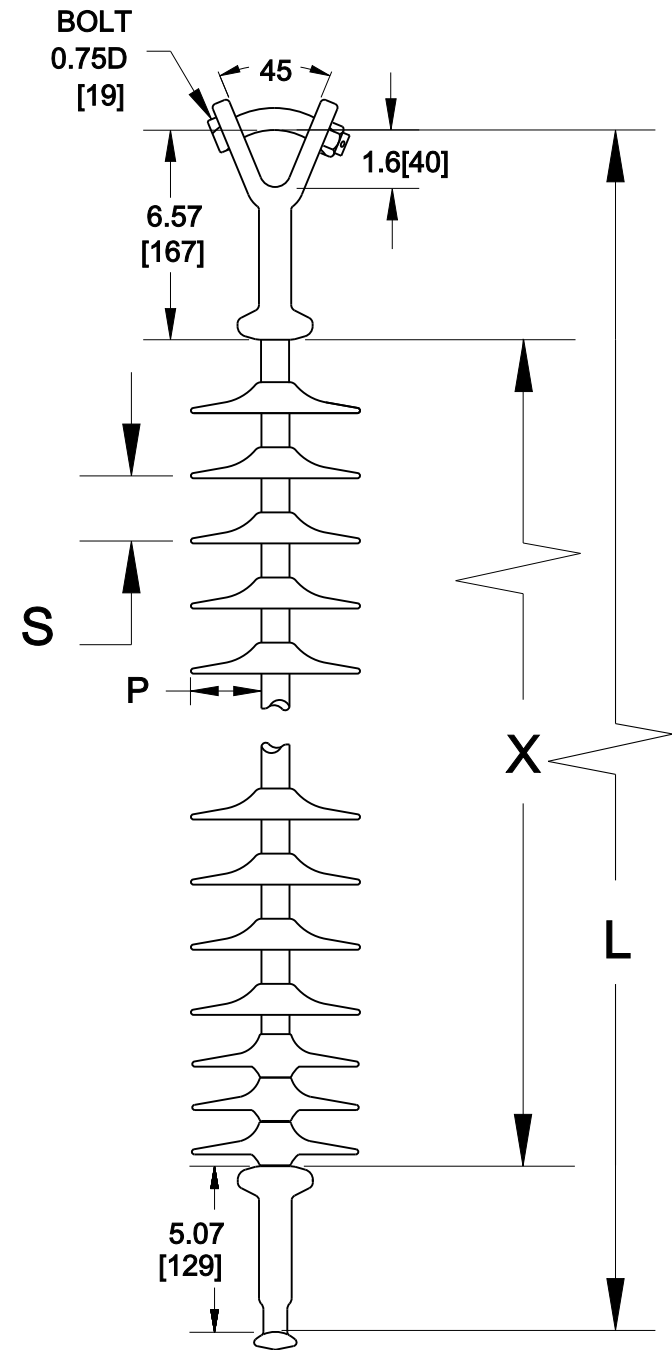
Section Length (L): 53.2 in 1,351 mm
Rubber Length (X): 42 in 1,056 mm
Standard Shed Height (P): 2.1 in 54 mm
Shed Spacing (S): 3.46 in 88 mm
Dry Arc Distance: 45.2 in 1,148 mm
Leakage Distance: 94.6 in 2,403 mm

ELECTRICAL VALUES

60 Hz Dry Flashover: 445 kV Min. Withstand: 412 kV
60 Hz Wet Flashover: 399 kV Min. Withstand: 347 kV
Pos. Critical Impulse Flashover: 764 kV Min. Withstand: 662 kV
Neg. Critical Impulse Flashover: 810 kV Min. Withstand: 692 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.