

MPS Catalog Number:
Date:

S5 40 80 048 VX SS 017
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: 17 standard
Rod Diameter: 16 mm
Weight Estimate: 15.4 lbs 7 kg

DIMENSIONAL VALUES

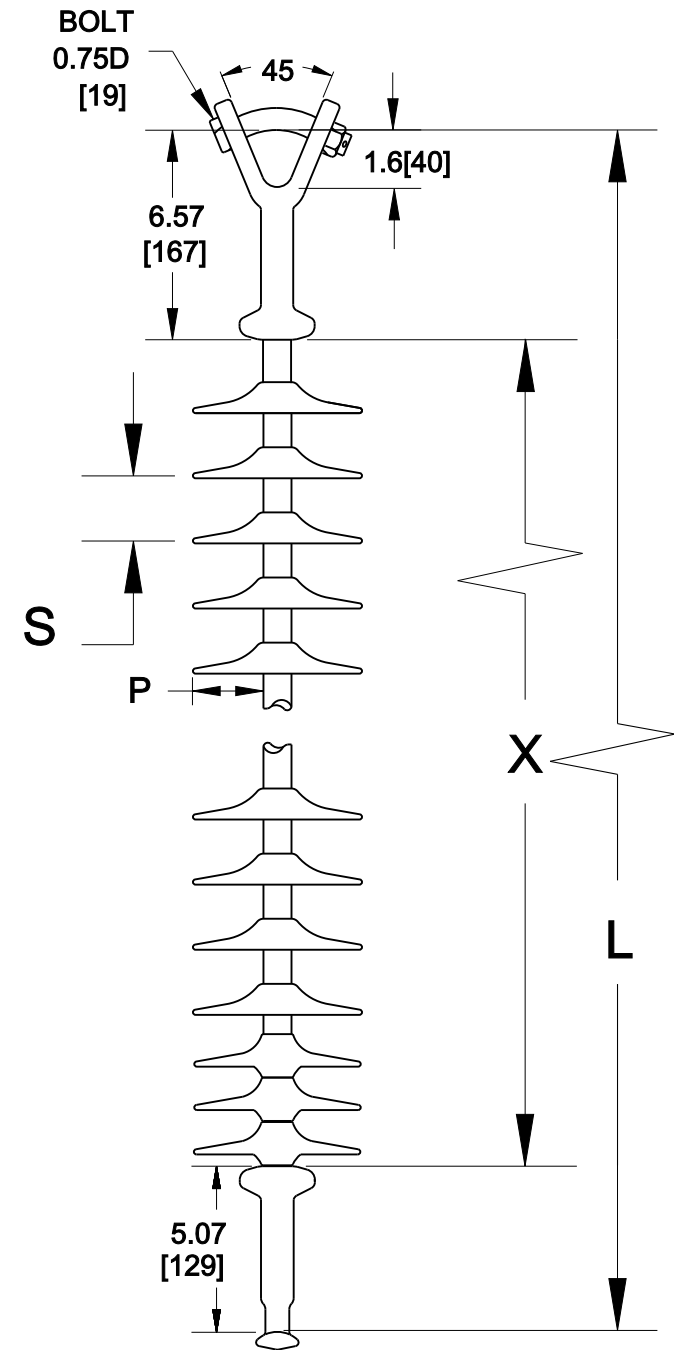
Section Length (L): 59.2 in 1,504 mm
Rubber Length (X): 48 in 1,208 mm
Standard Shed Height (P): 2.1 in 54 mm
Shed Spacing (S): 3.12 in 79 mm
Dry Arc Distance: 51.2 in 1,300 mm
Leakage Distance: 112.3 in 2,852 mm

ELECTRICAL VALUES

60 Hz Dry Flashover: 502 kV Min. Withstand: 463 kV
60 Hz Wet Flashover: 447 kV Min. Withstand: 389 kV
Pos. Critical Impulse Flashover: 857 kV Min. Withstand: 746 kV
Neg. Critical Impulse Flashover: 906 kV Min. Withstand: 777 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.