

MPS Catalog Number:
Date:

S5 40 80 132 VB SS 059
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): 12" Corona Ring
Corona Rings are recommended for applications of 230 kV and above
Number of Sheds: 59 standard
Rod Diameter: 16 mm
Weight Estimate: 29.5 lbs 13.4 kg

DIMENSIONAL VALUES

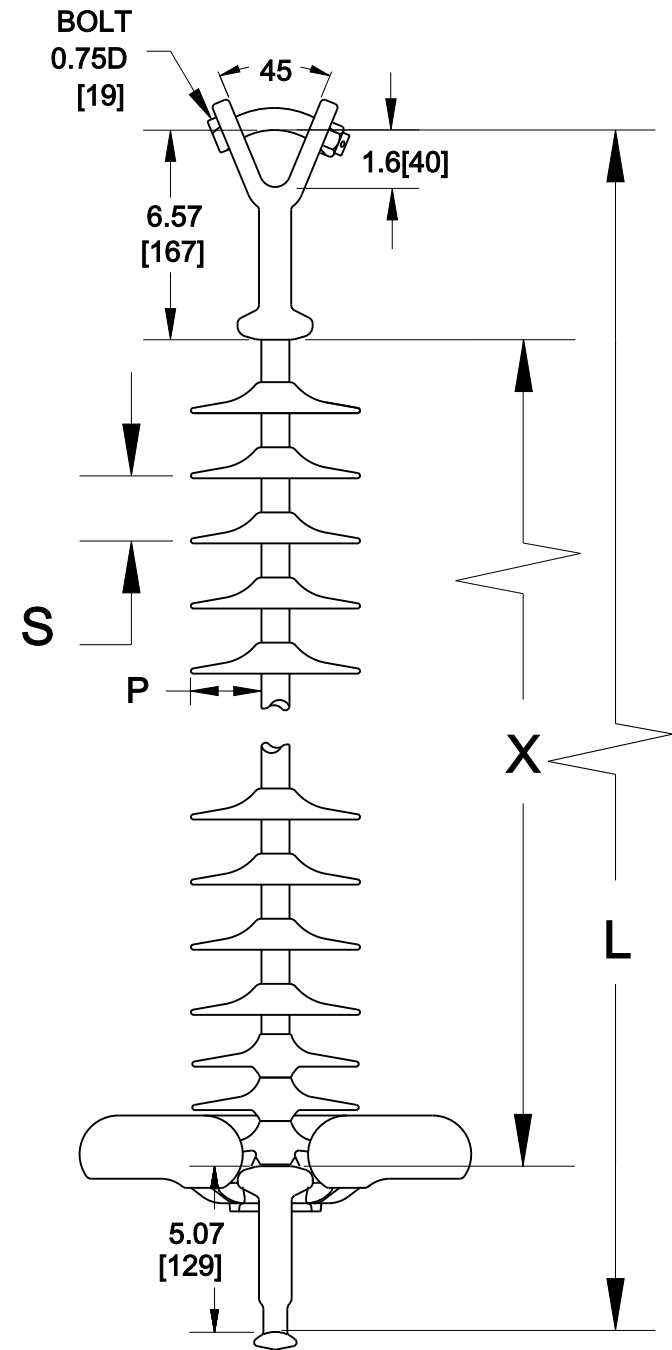
Section Length (L): 143.2 in 3,637 mm
Rubber Length (X): 132 in 3,342 mm
Standard Shed Height (P): 2.1 in 54 mm
Shed Spacing (S): 2.27 in 58 mm
Dry Arc Distance: 131.7 in 3,345 mm
Leakage Distance: 359.2 in 9,124 mm

ELECTRICAL VALUES

60 Hz Dry Flashover: 1,199 kV Min. Withstand: 1,100 kV
60 Hz Wet Flashover: 1,032 kV Min. Withstand: 861 kV
Pos. Critical Impulse Flashover: 2,043 kV Min. Withstand: 1,827 kV
Neg. Critical Impulse Flashover: 2,111 kV Min. Withstand: 1,889 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.