

MPS Catalog Number:
Date:

S5 40 80 062 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: 15.1 lbs 6.8 kg

DIMENSIONAL VALUES

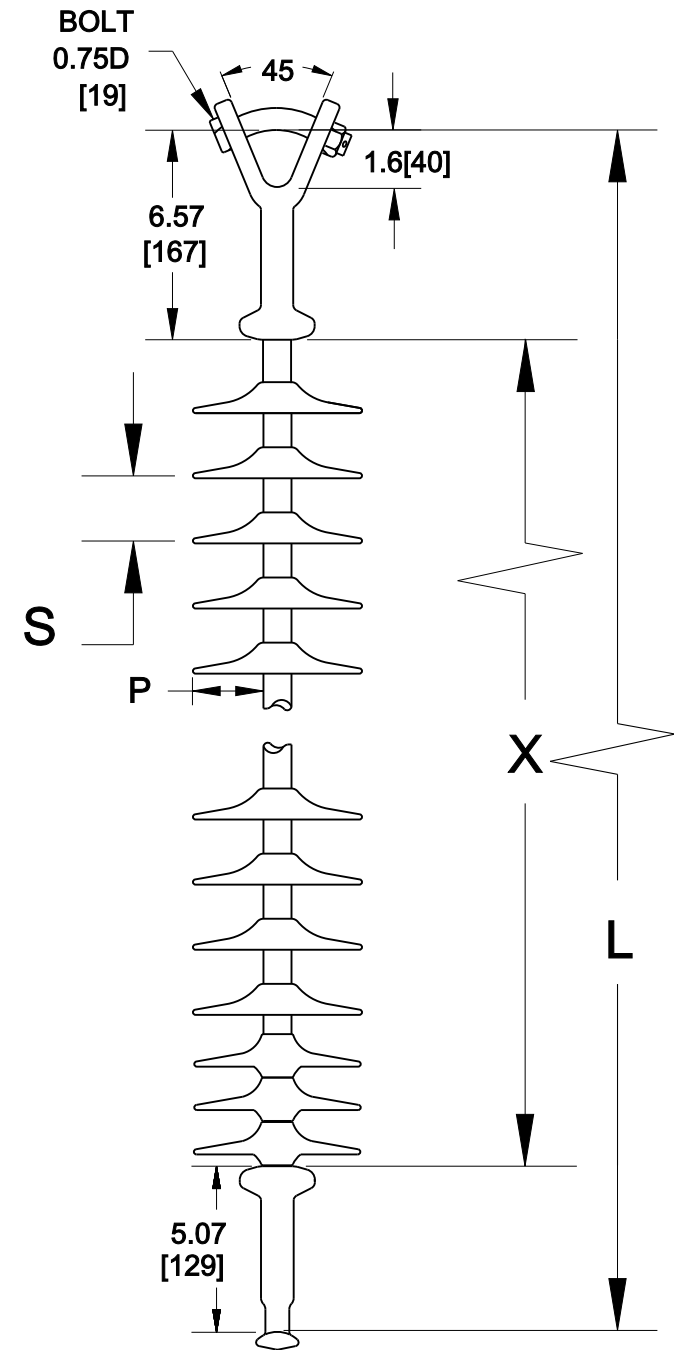
Section Length (L): 73.2 in 1,859 mm
Rubber Length (X): 62 in 1,564 mm
Standard Shed Height (P): 2.1 in 54 mm
Shed Spacing (S): 5.46 in 139 mm
Dry Arc Distance: 65.2 in 1,656 mm
Leakage Distance: 114.6 in 2,911 mm

ELECTRICAL VALUES

60 Hz Dry Flashover: 635 kV Min. Withstand: 581 kV
60 Hz Wet Flashover: 556 kV Min. Withstand: 484 kV
Pos. Critical Impulse Flashover: 1,071 kV Min. Withstand: 943 kV
Neg. Critical Impulse Flashover: 1,126 kV Min. Withstand: 973 kV

MECHANICAL VALUES

Specified Mech. Load (SML): 30,000 lbs 133.4 kN
Routine Test Load (RTL): 15,000 lbs 66.7 kN



This drawing contains confidential information that is property of MacLean Power L.L.C ('MacLean'). Use of MacLean's confidential information without MacLean's express written consent is strictly prohibited and may expose you to legal liability. If you believe that you received this material in error, please destroy it or return it to 'MacLean Power, L.L.C., 7801 Park Place Rd, York, SC, 29745, USA.'

Dimensions: inches [millimeters]
Note: Drawing not actual depiction of insulator appearance

Silicone Rubber Sheath & Sheds
Complies with applicable ANSI and IEC standards.