

MPS Catalog Number:
Date:

S1 40 80 072 VX SS 040
09/04/2013

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: 40 standard
Rod Diameter: 16 mm
Weight Estimate: 17.3 lbs 7.8 kg

DIMENSIONAL VALUES

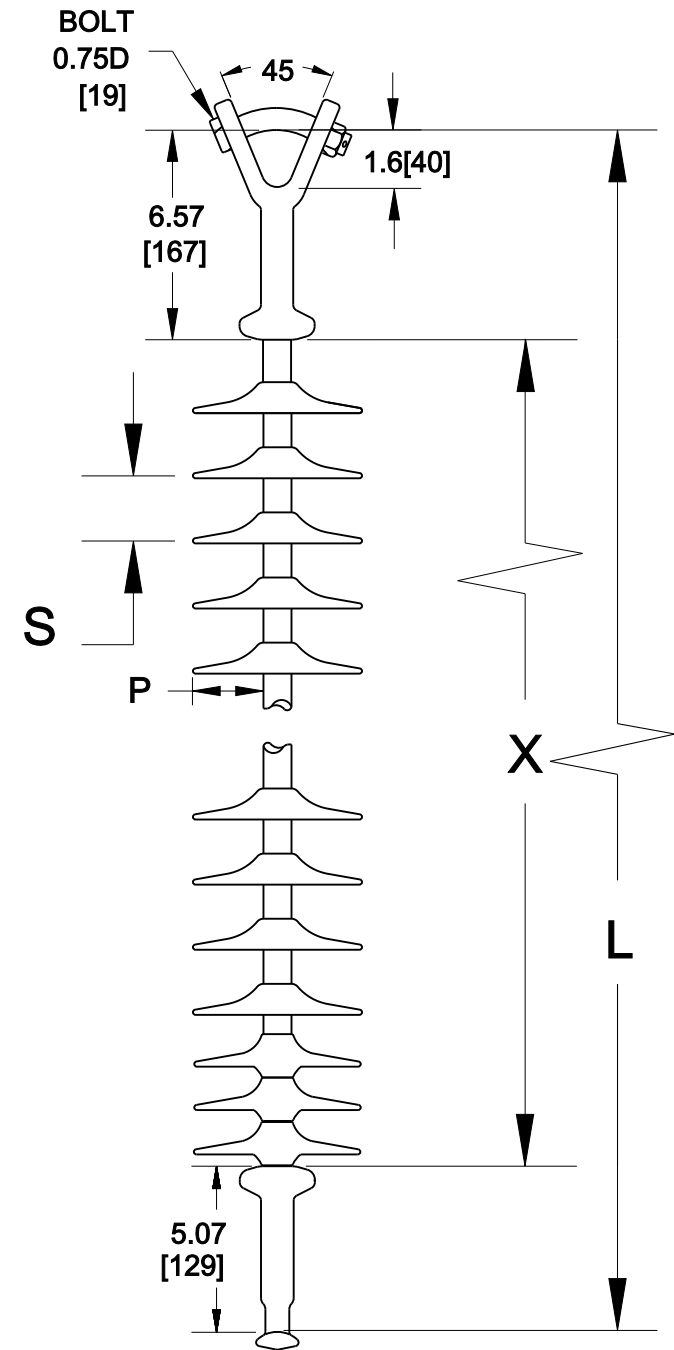
Section Length (L): 83.2 in 2,113 mm
Rubber Length (X): 72 in 1,818 mm
Standard Shed Height (P): 2.1 in 54 mm
Shed Spacing (S): 1.79 in 45 mm
Dry Arc Distance: 75.2 in 1,910 mm
Leakage Distance: 225.5 in 5,728 mm

ELECTRICAL VALUES

60 Hz Dry Flashover: 730 kV Min. Withstand: 663 kV
60 Hz Wet Flashover: 630 kV Min. Withstand: 548 kV
Pos. Critical Impulse Flashover: 1,221 kV Min. Withstand: 1,084 kV
Neg. Critical Impulse Flashover: 1,279 kV Min. Withstand: 1,113 kV

MECHANICAL VALUES

Specified Mech. Load (SML): 25,000 lbs 111.2 kN
Routine Test Load (RTL): 12,500 lbs 55.6 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.