

MPS Catalog Number:
Date:

S6 40 82 079 VA SS 042
02/28/2014

END FITTINGS

Tower End Fitting: Y-Clevis
Line End Fitting: Ball (ANSI 52-8)

MATERIAL

Corona Ring (Tower): None
Corona Ring (Line): 8" Corona Ring
Corona Rings are recommended for applications of 230 kV and above
Number of Sheds: 42 standard
Rod Diameter: 18 mm
Weight Estimate: 22 lbs 10 kg

DIMENSIONAL VALUES

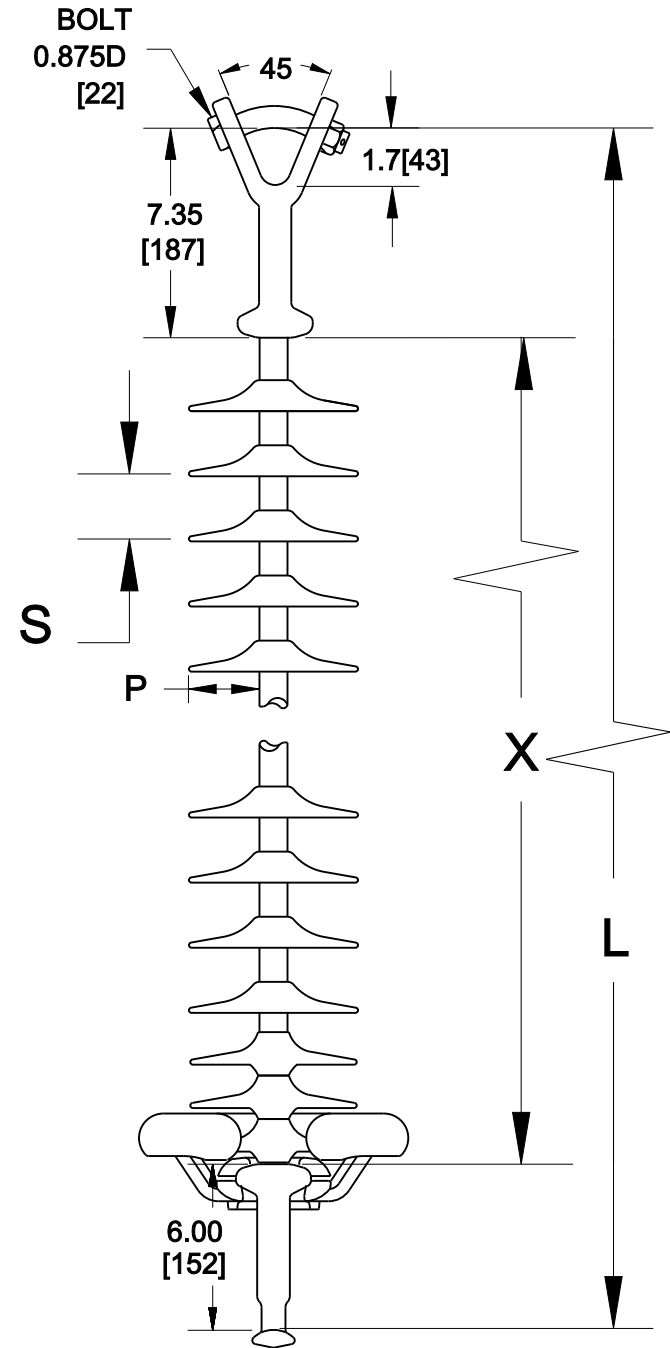
Section Length (L): 92.4 in 2,347 mm
Rubber Length (X): 79 in 2,007 mm
Standard Shed Height (P): 2.2 in 55 mm
Shed Spacing (S): 1.9 in 48 mm
Dry Arc Distance: 79.2 in 2,012 mm
Leakage Distance: 240.7 in 6,114 mm

ELECTRICAL VALUES

60 Hz Dry Flashover: 769 kV Min. Withstand: 695 kV
60 Hz Wet Flashover: 659 kV Min. Withstand: 574 kV
Pos. Critical Impulse Flashover: 1,280 kV Min. Withstand: 1,140 kV
Neg. Critical Impulse Flashover: 1,340 kV Min. Withstand: 1,169 kV

MECHANICAL VALUES

Specified Mech. Load (SML): 36,000 lbs 160.1 kN
Routine Test Load (RTL): 18,000 lbs 80.1 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.