

MPS Catalog Number:  
Date:

S6 40 82 058 VA SS 017  
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: 17 standard  
Rod Diameter: 18 mm  
Weight Estimate: 14.1 lbs 6.4 kg

**DIMENSIONAL VALUES**

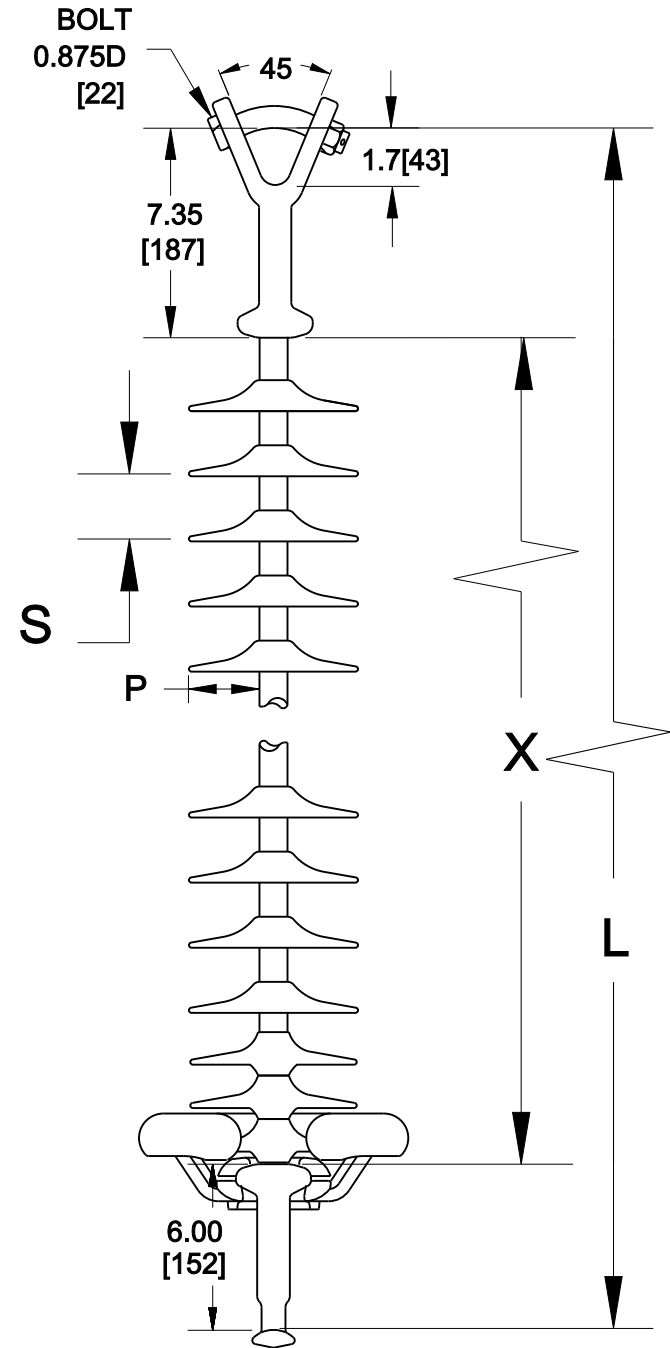
Section Length (L): 71.4 in 1,814 mm  
Rubber Length (X): 58 in 1,473 mm  
Standard Shed Height (P): 2.2 in 55 mm  
Shed Spacing (S): 3.92 in 100 mm  
Dry Arc Distance: 58.2 in 1,478 mm  
Leakage Distance: 122.7 in 3,117 mm

**ELECTRICAL VALUES**

60 Hz Dry Flashover: 569 kV Min. Withstand: 522 kV  
60 Hz Wet Flashover: 502 kV Min. Withstand: 437 kV  
Pos. Critical Impulse Flashover: 965 kV Min. Withstand: 845 kV  
Neg. Critical Impulse Flashover: 1,017 kV Min. Withstand: 875 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.