

MPS Catalog Number:  
Date:

S2 40 80 093 VA SS 041  
02/24/2014

**END FITTINGS**

Tower End Fitting: Y-Clevis  
Line End Fitting: Ball (ANSI 52-8/11)

**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: 41 standard  
Rod Diameter: 24 mm  
Weight Estimate: 28.6 lbs 13 kg

**DIMENSIONAL VALUES**

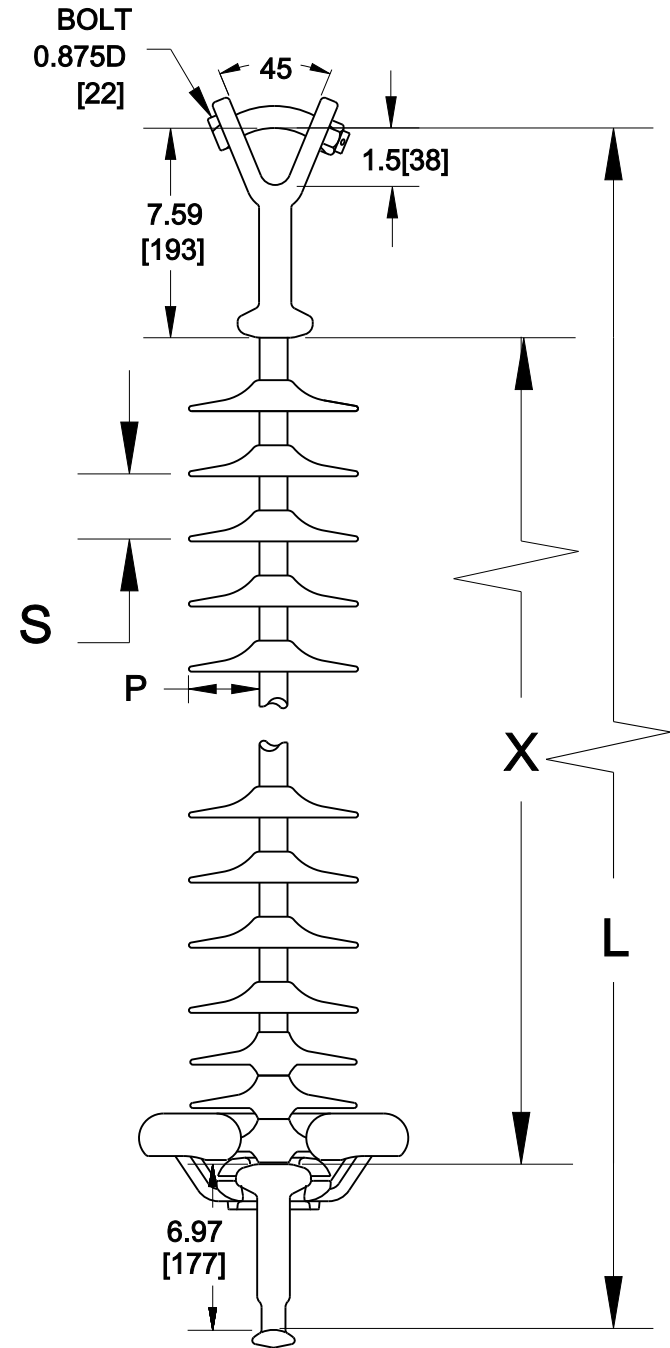
Section Length (L): 107.6 in 2,733 mm  
Rubber Length (X): 93 in 2,362 mm  
Standard Shed Height (P): 2.1 in 54 mm  
Shed Spacing (S): 2.32 in 59 mm  
Dry Arc Distance: 93.2 in 2,367 mm  
Leakage Distance: 250.8 in 6,370 mm

**ELECTRICAL VALUES**

60 Hz Dry Flashover: 902 kV Min. Withstand: 807 kV  
60 Hz Wet Flashover: 768 kV Min. Withstand: 658 kV  
Pos. Critical Impulse Flashover: 1,486 kV Min. Withstand: 1,337 kV  
Neg. Critical Impulse Flashover: 1,549 kV Min. Withstand: 1,366 kV

**MECHANICAL VALUES**

Specified Mech. Load (SML): 50,000 lbs 222.4 kN  
Routine Test Load (RTL): 25,000 lbs 111.2 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.