

MPS Catalog Number:  
Date:

S2 40 80 078 VA SS 043  
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: 43 standard  
Rod Diameter: 24 mm  
Weight Estimate: 28.1 lbs 12.7 kg

**DIMENSIONAL VALUES**

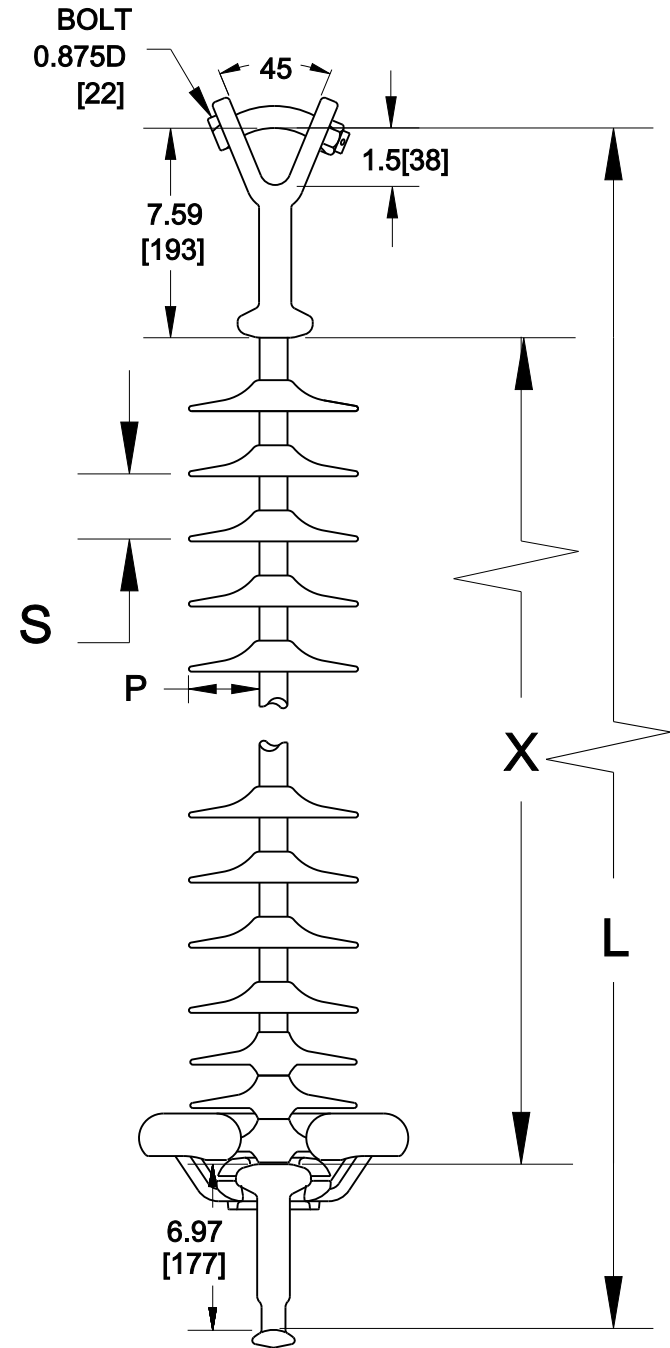
Section Length (L): 92.6 in 2,352 mm  
Rubber Length (X): 78 in 1,981 mm  
Standard Shed Height (P): 2.1 in 54 mm  
Shed Spacing (S): 1.82 in 46 mm  
Dry Arc Distance: 78.2 in 1,986 mm  
Leakage Distance: 243.6 in 6,187 mm

**ELECTRICAL VALUES**

60 Hz Dry Flashover: 759 kV Min. Withstand: 687 kV  
60 Hz Wet Flashover: 652 kV Min. Withstand: 567 kV  
Pos. Critical Impulse Flashover: 1,265 kV Min. Withstand: 1,126 kV  
Neg. Critical Impulse Flashover: 1,325 kV Min. Withstand: 1,155 kV

**MECHANICAL VALUES**

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



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

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