

MPS Catalog Number:  
Date:

S6 40 82 070 VA SS 041  
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: 41 standard  
Rod Diameter: 18 mm  
Weight Estimate: 21.3 lbs 9.7 kg

**DIMENSIONAL VALUES**

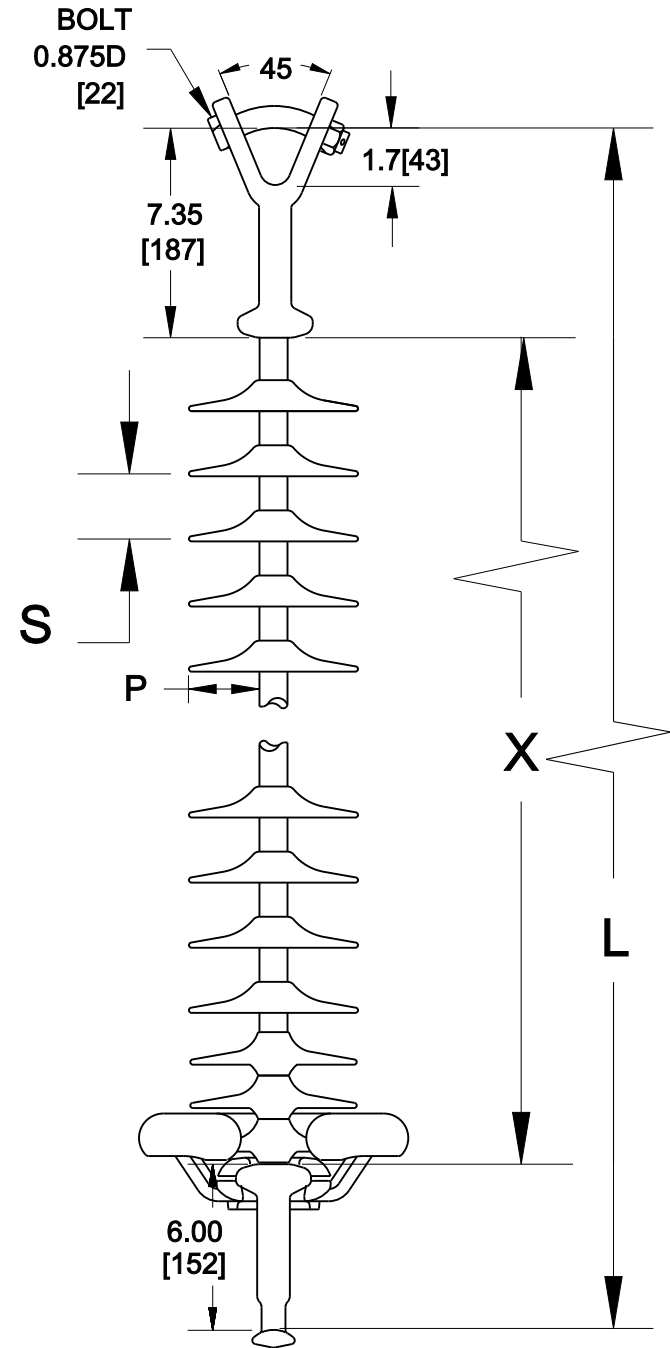
Section Length (L): 83.4 in 2,118 mm  
Rubber Length (X): 70 in 1,778 mm  
Standard Shed Height (P): 2.2 in 55 mm  
Shed Spacing (S): 1.7 in 43 mm  
Dry Arc Distance: 70.2 in 1,783 mm  
Leakage Distance: 227.8 in 5,786 mm

**ELECTRICAL VALUES**

60 Hz Dry Flashover: 683 kV Min. Withstand: 622 kV  
60 Hz Wet Flashover: 594 kV Min. Withstand: 516 kV  
Pos. Critical Impulse Flashover: 1,146 kV Min. Withstand: 1,014 kV  
Neg. Critical Impulse Flashover: 1,203 kV Min. Withstand: 1,043 kV

**MECHANICAL VALUES**

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