

MPS Catalog Number:  
Date:

S6 40 82 016 VX SS 007  
02/27/2014

**END FITTINGS**

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

**MATERIAL**

Corona Ring (Tower): None  
Corona Ring (Line): None  
Corona Rings are recommended for applications of 230 kV and above  
Number of Sheds: 7 standard  
Rod Diameter: 18 mm  
Weight Estimate: 7.1 lbs 3.2 kg

**DIMENSIONAL VALUES**

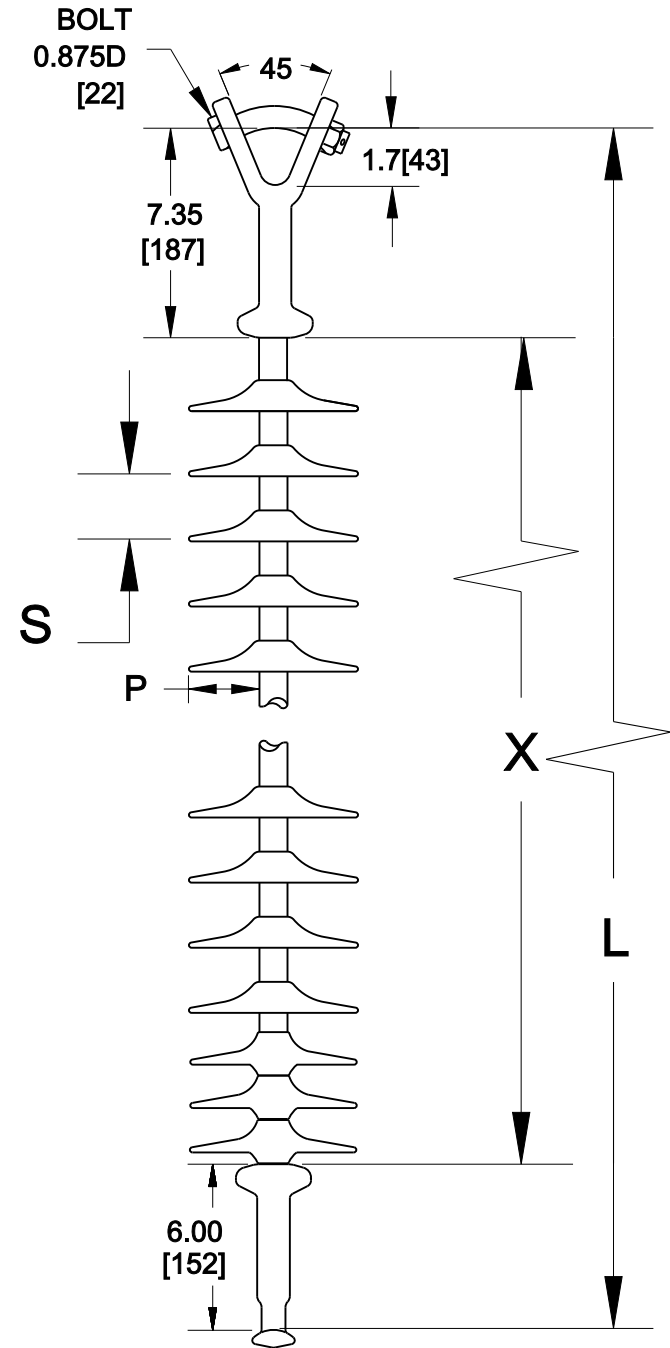
Section Length (L): 29.4 in 747 mm  
Rubber Length (X): 16 in 406 mm  
Standard Shed Height (P): 2.2 in 55 mm  
Shed Spacing (S): 3.01 in 76 mm  
Dry Arc Distance: 19.7 in 500 mm  
Leakage Distance: 41.9 in 1,064 mm

**ELECTRICAL VALUES**

60 Hz Dry Flashover: 202 kV Min. Withstand: 188 kV  
60 Hz Wet Flashover: 180 kV Min. Withstand: 157 kV  
Pos. Critical Impulse Flashover: 350 kV Min. Withstand: 303 kV  
Neg. Critical Impulse Flashover: 379 kV Min. Withstand: 335 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.