

MPS Catalog Number:  
Date:

S6 40 82 019 VX SS 005  
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: 5 standard  
Rod Diameter: 18 mm  
Weight Estimate: 6.7 lbs 3 kg

**DIMENSIONAL VALUES**

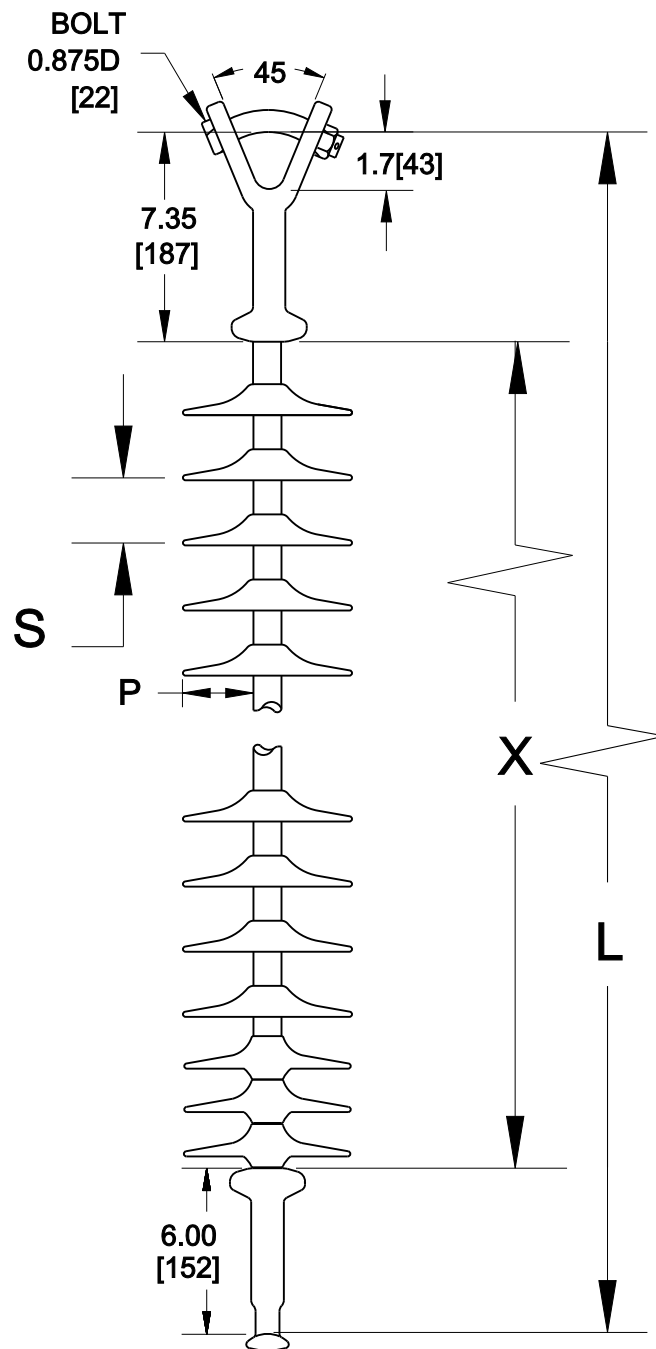
Section Length (L): 32.4 in 823 mm  
Rubber Length (X): 19 in 483 mm  
Standard Shed Height (P): 2.2 in 55 mm  
Shed Spacing (S): 12.02 in 305 mm  
Dry Arc Distance: 22.7 in 577 mm  
Leakage Distance: 37.1 in 942 mm

**ELECTRICAL VALUES**

60 Hz Dry Flashover: 230 kV Min. Withstand: 215 kV  
60 Hz Wet Flashover: 207 kV Min. Withstand: 180 kV  
Pos. Critical Impulse Flashover: 400 kV Min. Withstand: 345 kV  
Neg. Critical Impulse Flashover: 431 kV Min. Withstand: 377 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.