

MPS Catalog Number:  
Date:

S2 40 80 075 VA SS 030  
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: 30 standard  
Rod Diameter: 24 mm  
Weight Estimate: 23.8 lbs 10.8 kg

**DIMENSIONAL VALUES**

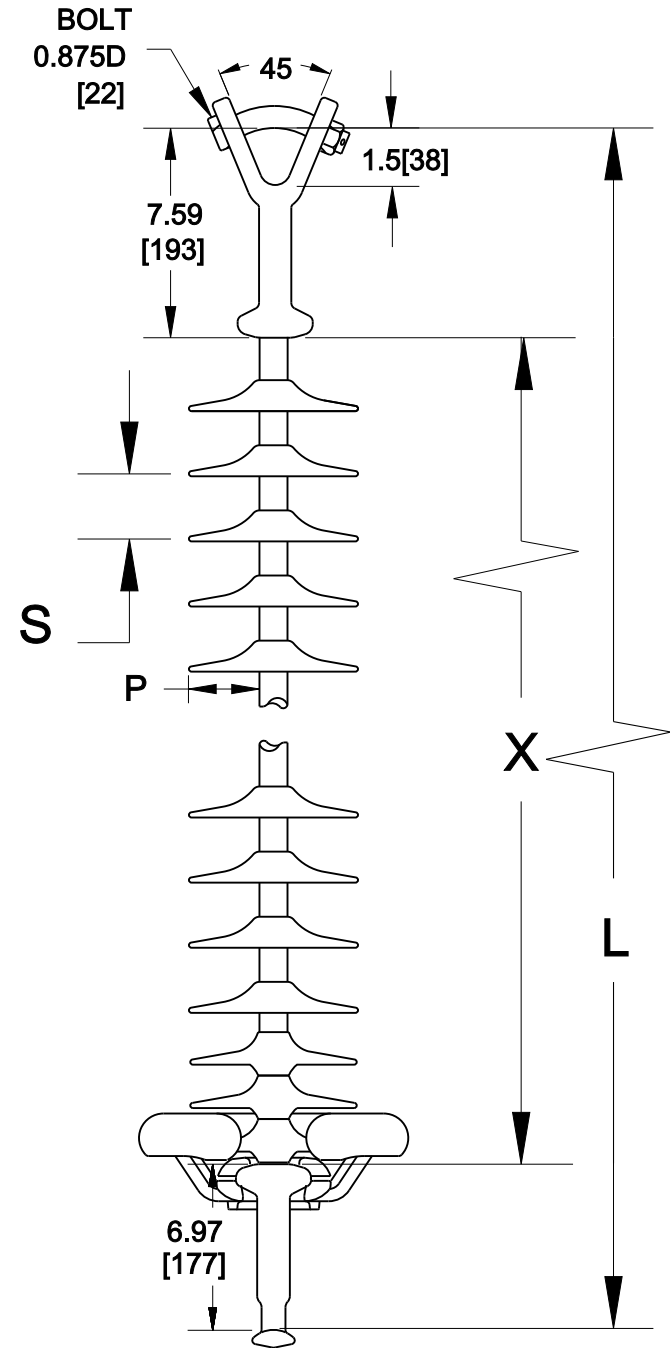
Section Length (L): 89.6 in 2,276 mm  
Rubber Length (X): 75 in 1,905 mm  
Standard Shed Height (P): 2.1 in 54 mm  
Shed Spacing (S): 2.62 in 67 mm  
Dry Arc Distance: 75.2 in 1,910 mm  
Leakage Distance: 190.1 in 4,829 mm

**ELECTRICAL VALUES**

60 Hz Dry Flashover: 730 kV Min. Withstand: 663 kV  
60 Hz Wet Flashover: 630 kV Min. Withstand: 548 kV  
Pos. Critical Impulse Flashover: 1,221 kV Min. Withstand: 1,084 kV  
Neg. Critical Impulse Flashover: 1,279 kV Min. Withstand: 1,113 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.