

MPS Catalog Number:  
Date:

S2 40 80 016 VX SS 005  
02/20/2014

**END FITTINGS**

Tower End Fitting: Y-Clevis  
Line End Fitting: Ball (ANSI 52-8/11)

**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: 24 mm  
Weight Estimate: 14 lbs 6.4 kg

**DIMENSIONAL VALUES**

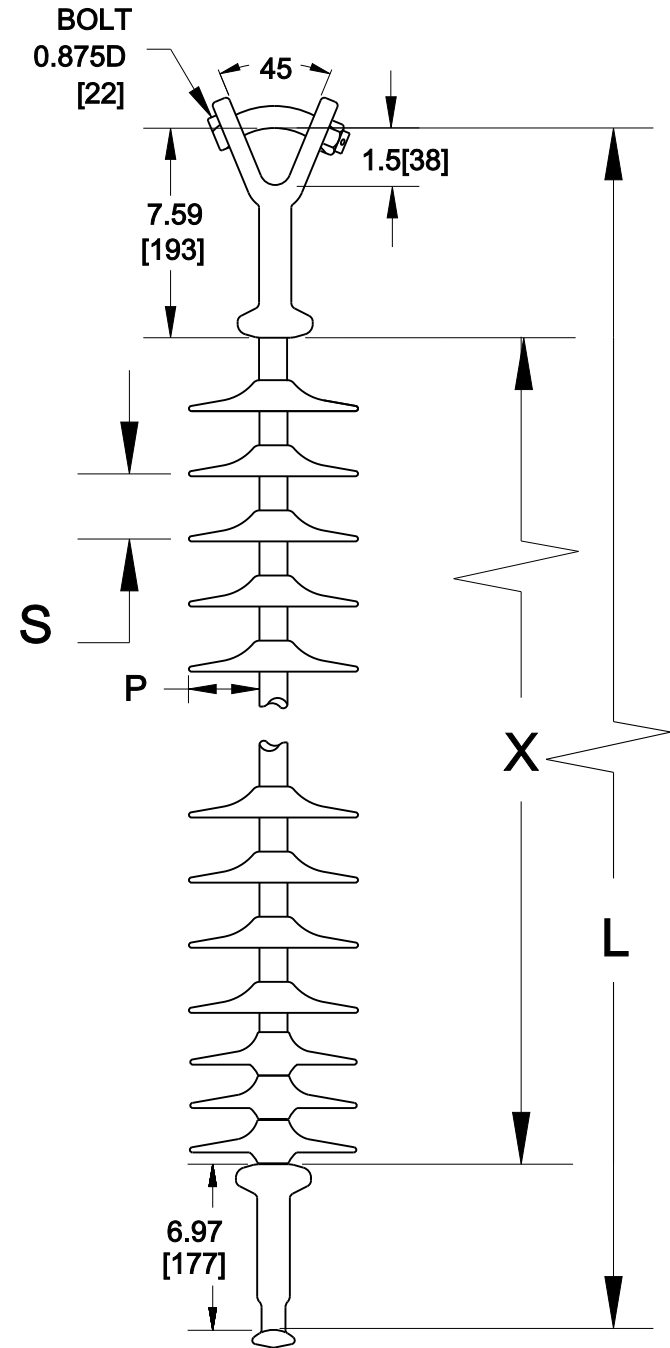
Section Length (L): 30.6 in 777 mm  
Rubber Length (X): 16 in 406 mm  
Standard Shed Height (P): 2.1 in 54 mm  
Shed Spacing (S): 9.02 in 229 mm  
Dry Arc Distance: 19.7 in 500 mm  
Leakage Distance: 34.1 in 866 mm

**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): 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.