

MPS Catalog Number:  
Date:

S1 40 80 096 VA SS 025  
09/05/2013

**END FITTINGS**

Tower End Fitting: Y-Clevis  
Line End Fitting: Ball (ANSI 52-5)

**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: 25 standard  
Rod Diameter: 16 mm  
Weight Estimate: 16.6 lbs 7.5 kg

**DIMENSIONAL VALUES**

Section Length (L): 107.2 in 2,723 mm  
Rubber Length (X): 96 in 2,427 mm  
Standard Shed Height (P): 2.1 in 54 mm  
Shed Spacing (S): 4.22 in 107 mm  
Dry Arc Distance: 95.7 in 2,431 mm  
Leakage Distance: 191.3 in 4,859 mm

**ELECTRICAL VALUES**

60 Hz Dry Flashover: 926 kV Min. Withstand: 827 kV  
60 Hz Wet Flashover: 787 kV Min. Withstand: 673 kV  
Pos. Critical Impulse Flashover: 1,523 kV Min. Withstand: 1,373 kV  
Neg. Critical Impulse Flashover: 1,586 kV Min. Withstand: 1,401 kV

**MECHANICAL VALUES**

Specified Mech. Load (SML): 25,000 lbs 111.2 kN  
Routine Test Load (RTL): 12,500 lbs 55.6 kN

