

MPS Catalog Number:

S1 40 80 096 VA SS 038

Date:

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:

38 standard

Rod Diameter:

16 mm

Weight Estimate:

19.9 lbs

9 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):

2.61 in

66 mm

Dry Arc Distance:

95.7 in

2,431 mm

Leakage Distance:

241.7 in

6,139 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

