

MPS Catalog Number:

S1 40 80 072 VA SS 020

Date:

09/04/2013

**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:

20 standard

Rod Diameter:

16 mm

Weight Estimate:

14.3 lbs

6.5 kg

**DIMENSIONAL VALUES**

Section Length (L):

83.2 in

2,113 mm

Rubber Length (X):

72 in

1,818 mm

Standard Shed Height (P):

2.1 in

54 mm

Shed Spacing (S):

4.04 in

103 mm

Dry Arc Distance:

71.7 in

1,821 mm

Leakage Distance:

147.9 in

3,757 mm

**ELECTRICAL VALUES**

60 Hz Dry Flashover:

697 kV

Min. Withstand:

634 kV

60 Hz Wet Flashover:

605 kV

Min. Withstand:

526 kV

Pos. Critical Impulse Flashover:

1,169 kV

Min. Withstand:

1,035 kV

Neg. Critical Impulse Flashover:

1,226 kV

Min. Withstand:

1,064 kV

**MECHANICAL VALUES**

Specified Mech. Load (SML):

25,000 lbs

111.2 kN

Routine Test Load (RTL):

12,500 lbs

55.6 kN

