

MPS Catalog Number:

S5 40 80 090 VA SS 026

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:

26 standard

Rod Diameter:

16 mm

Weight Estimate:

16.6 lbs

7.5 kg

**DIMENSIONAL VALUES**

Section Length (L):

101.2 in

2,570 mm

Rubber Length (X):

90 in

2,275 mm

Standard Shed Height (P):

2.1 in

54 mm

Shed Spacing (S):

3.75 in

95 mm

Dry Arc Distance:

89.7 in

2,278 mm

Leakage Distance:

189.2 in

4,806 mm

**ELECTRICAL VALUES**

60 Hz Dry Flashover:

869 kV

Min. Withstand:

779 kV

60 Hz Wet Flashover:

733 kV

Min. Withstand:

638 kV

Pos. Critical Impulse Flashover:

1,435 kV

Min. Withstand:

1,288 kV

Neg. Critical Impulse Flashover:

1,497 kV

Min. Withstand:

1,317 kV

**MECHANICAL VALUES**

Specified Mech. Load (SML):

30,000 lbs

133.4 kN

Routine Test Load (RTL):

15,000 lbs

66.7 kN

