

MPS Catalog Number:

S2 40 80 090 VA SS 029

Date:

02/24/2014

**END FITTINGS**

Tower End Fitting:

Y-Clevis

Line End Fitting:

Ball (ANSI 52-8/11)

**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:

29 standard

Rod Diameter:

24 mm

Weight Estimate:

24.6 lbs

11.2 kg

**DIMENSIONAL VALUES**

Section Length (L):

104.6 in

2,657 mm

Rubber Length (X):

90 in

2,286 mm

Standard Shed Height (P):

2.1 in

54 mm

Shed Spacing (S):

3.32 in

84 mm

Dry Arc Distance:

90.2 in

2,291 mm

Leakage Distance:

201.3 in

5,113 mm

**ELECTRICAL VALUES**

60 Hz Dry Flashover:

873 kV

Min. Withstand:

783 kV

60 Hz Wet Flashover:

746 kV

Min. Withstand:

640 kV

Pos. Critical Impulse Flashover:

1,442 kV

Min. Withstand:

1,295 kV

Neg. Critical Impulse Flashover:

1,504 kV

Min. Withstand:

1,324 kV

**MECHANICAL VALUES**

Specified Mech. Load (SML):

50,000 lbs

222.4 kN

Routine Test Load (RTL):

25,000 lbs

111.2 kN

