

MPS Catalog Number:

S2 40 80 093 VA SS 028

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:

28 standard

Rod Diameter:

24 mm

Weight Estimate:

24.5 lbs

11.1 kg

**DIMENSIONAL VALUES**

Section Length (L):

107.6 in

2,733 mm

Rubber Length (X):

93 in

2,362 mm

Standard Shed Height (P):

2.1 in

54 mm

Shed Spacing (S):

3.58 in

91 mm

Dry Arc Distance:

93.2 in

2,367 mm

Leakage Distance:

200.4 in

5,090 mm

**ELECTRICAL VALUES**

60 Hz Dry Flashover:

902 kV

Min. Withstand:

807 kV

60 Hz Wet Flashover:

768 kV

Min. Withstand:

658 kV

Pos. Critical Impulse Flashover:

1,486 kV

Min. Withstand:

1,337 kV

Neg. Critical Impulse Flashover:

1,549 kV

Min. Withstand:

1,366 kV

**MECHANICAL VALUES**

Specified Mech. Load (SML):

50,000 lbs

222.4 kN

Routine Test Load (RTL):

25,000 lbs

111.2 kN

