

MPS Catalog Number:

S6 40 82 094 VA SS 041

Date:

02/28/2014

**END FITTINGS**

Tower End Fitting:

Y-Clevis

Line End Fitting:

Ball (ANSI 52-8)

**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:

41 standard

Rod Diameter:

18 mm

Weight Estimate:

22.4 lbs

10.2 kg

**DIMENSIONAL VALUES**

Section Length (L):

107.4 in

2,728 mm

Rubber Length (X):

94 in

2,388 mm

Standard Shed Height (P):

2.2 in

55 mm

Shed Spacing (S):

2.35 in

60 mm

Dry Arc Distance:

94.2 in

2,393 mm

Leakage Distance:

251.8 in

6,396 mm

**ELECTRICAL VALUES**

60 Hz Dry Flashover:

911 kV

Min. Withstand:

815 kV

60 Hz Wet Flashover:

776 kV

Min. Withstand:

664 kV

Pos. Critical Impulse Flashover:

1,501 kV

Min. Withstand:

1,351 kV

Neg. Critical Impulse Flashover:

1,564 kV

Min. Withstand:

1,380 kV

**MECHANICAL VALUES**

Specified Mech. Load (SML):

36,000 lbs

160.1 kN

Routine Test Load (RTL):

18,000 lbs

80.1 kN

