

MPS Catalog Number:

S6 40 82 085 VA SS 043

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:

43 standard

Rod Diameter:

18 mm

Weight Estimate:

22.6 lbs

10.3 kg

**DIMENSIONAL VALUES**

Section Length (L):

98.4 in

2,499 mm

Rubber Length (X):

85 in

2,159 mm

Standard Shed Height (P):

2.2 in

55 mm

Shed Spacing (S):

2 in

51 mm

Dry Arc Distance:

85.2 in

2,164 mm

Leakage Distance:

250.6 in

6,365 mm

**ELECTRICAL VALUES**

60 Hz Dry Flashover:

826 kV

Min. Withstand:

744 kV

60 Hz Wet Flashover:

702 kV

Min. Withstand:

610 kV

Pos. Critical Impulse Flashover:

1,369 kV

Min. Withstand:

1,225 kV

Neg. Critical Impulse Flashover:

1,430 kV

Min. Withstand:

1,254 kV

**MECHANICAL VALUES**

Specified Mech. Load (SML):

36,000 lbs

160.1 kN

Routine Test Load (RTL):

18,000 lbs

80.1 kN

