

MPS Catalog Number:

S6 40 82 091 VA SS 042

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:

42 standard

Rod Diameter:

18 mm

Weight Estimate:

22.6 lbs

10.3 kg

**DIMENSIONAL VALUES**

Section Length (L):

104.4 in

2,652 mm

Rubber Length (X):

91 in

2,311 mm

Standard Shed Height (P):

2.2 in

55 mm

Shed Spacing (S):

2.21 in

56 mm

Dry Arc Distance:

91.2 in

2,316 mm

Leakage Distance:

252.7 in

6,419 mm

**ELECTRICAL VALUES**

60 Hz Dry Flashover:

883 kV

Min. Withstand:

791 kV

60 Hz Wet Flashover:

753 kV

Min. Withstand:

646 kV

Pos. Critical Impulse Flashover:

1,457 kV

Min. Withstand:

1,309 kV

Neg. Critical Impulse Flashover:

1,519 kV

Min. Withstand:

1,338 kV

**MECHANICAL VALUES**

Specified Mech. Load (SML):

36,000 lbs

160.1 kN

Routine Test Load (RTL):

18,000 lbs

80.1 kN

