

MPS Catalog Number:

S2 40 80 061 VA SS 016

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:

16 standard

Rod Diameter:

24 mm

Weight Estimate:

18.5 lbs

8.4 kg

DIMENSIONAL VALUES

Section Length (L):

75.6 in 1,920 mm

Rubber Length (X):

61 in 1,549 mm

Standard Shed Height (P):

2.1 in 54 mm

Shed Spacing (S):

4.5 in 114 mm

Dry Arc Distance:

61.2 in 1,554 mm

Leakage Distance:

121.8 in 3,094 mm

ELECTRICAL VALUES

60 Hz Dry Flashover:

597 kV

Min. Withstand:

547 kV

60 Hz Wet Flashover:

526 kV

Min. Withstand:

457 kV

Pos. Critical Impulse Flashover:

1,010 kV

Min. Withstand:

887 kV

Neg. Critical Impulse Flashover:

1,064 kV

Min. Withstand:

917 kV

MECHANICAL VALUES

Specified Mech. Load (SML):

50,000 lbs

222.4 kN

Routine Test Load (RTL):

25,000 lbs

111.2 kN

