

MPS Catalog Number:

S2 40 80 087 VA SS 030

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:

30 standard

Rod Diameter:

24 mm

Weight Estimate:

24.7 lbs

11.2 kg

DIMENSIONAL VALUES

Section Length (L):

101.6 in

2,581 mm

Rubber Length (X):

87 in

2,210 mm

Standard Shed Height (P):

2.1 in

54 mm

Shed Spacing (S):

3.08 in

78 mm

Dry Arc Distance:

87.2 in

2,215 mm

Leakage Distance:

202.1 in

5,133 mm

ELECTRICAL VALUES

60 Hz Dry Flashover:

845 kV

Min. Withstand:

760 kV

60 Hz Wet Flashover:

716 kV

Min. Withstand:

623 kV

Pos. Critical Impulse Flashover:

1,398 kV

Min. Withstand:

1,253 kV

Neg. Critical Impulse Flashover:

1,460 kV

Min. Withstand:

1,282 kV

MECHANICAL VALUES

Specified Mech. Load (SML):

50,000 lbs

222.4 kN

Routine Test Load (RTL):

25,000 lbs

111.2 kN

