

MPS Catalog Number:

S2 40 80 064 VA SS 017

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:

17 standard

Rod Diameter:

24 mm

Weight Estimate:

19 lbs

8.6 kg

DIMENSIONAL VALUES

Section Length (L):

78.6 in

1,996 mm

Rubber Length (X):

64 in

1,626 mm

Standard Shed Height (P):

2.1 in

54 mm

Shed Spacing (S):

4.39 in

112 mm

Dry Arc Distance:

64.2 in

1,631 mm

Leakage Distance:

128.7 in

3,269 mm

ELECTRICAL VALUES

60 Hz Dry Flashover:

626 kV

Min. Withstand:

572 kV

60 Hz Wet Flashover:

549 kV

Min. Withstand:

477 kV

Pos. Critical Impulse Flashover:

1,056 kV

Min. Withstand:

929 kV

Neg. Critical Impulse Flashover:

1,111 kV

Min. Withstand:

959 kV

MECHANICAL VALUES

Specified Mech. Load (SML):

50,000 lbs

222.4 kN

Routine Test Load (RTL):

25,000 lbs

111.2 kN

