

MPS Catalog Number:

S6 40 82 064 VA SS 017

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:

17 standard

Rod Diameter:

18 mm

Weight Estimate:

14.3 lbs

6.5 kg

DIMENSIONAL VALUES

Section Length (L):

77.4 in

1,966 mm

Rubber Length (X):

64 in

1,626 mm

Standard Shed Height (P):

2.2 in

55 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):

36,000 lbs

160.1 kN

Routine Test Load (RTL):

18,000 lbs

80.1 kN

