

MPS Catalog Number:

S1 40 80 062 VX SS 014

Date:

09/03/2013

END FITTINGS

Tower End Fitting:

Y-Clevis

Line End Fitting:

Ball (ANSI 52-5)

MATERIAL

Corona Ring (Tower):

None

Corona Ring (Line):

None

Corona Rings are recommended for applications of 230 kV and above

Number of Sheds:

14 standard

Rod Diameter:

16 mm

Weight Estimate:

10.2 lbs

4.6 kg

DIMENSIONAL VALUES

Section Length (L):

73.2 in

1,859 mm

Rubber Length (X):

62 in

1,564 mm

Standard Shed Height (P):

2.1 in

54 mm

Shed Spacing (S):

5.46 in

139 mm

Dry Arc Distance:

65.2 in

1,656 mm

Leakage Distance:

114.6 in

2,911 mm

ELECTRICAL VALUES

60 Hz Dry Flashover:

635 kV

Min. Withstand:

581 kV

60 Hz Wet Flashover:

556 kV

Min. Withstand:

484 kV

Pos. Critical Impulse Flashover:

1,071 kV

Min. Withstand:

943 kV

Neg. Critical Impulse Flashover:

1,126 kV

Min. Withstand:

973 kV

MECHANICAL VALUES

Specified Mech. Load (SML):

25,000 lbs

111.2 kN

Routine Test Load (RTL):

12,500 lbs

55.6 kN

