

MPS Catalog Number:

S5 40 80 102 VB SS 034

Date:

09/05/2013

END FITTINGS

Tower End Fitting:

Y-Clevis

Line End Fitting:

Ball (ANSI 52-5)

MATERIAL

Corona Ring (Tower):

None

Corona Ring (Line):

12" Corona Ring

Corona Rings are recommended for applications of 230 kV and above

Number of Sheds:

34 standard

Rod Diameter:

16 mm

Weight Estimate:

21.9 lbs

9.9 kg

DIMENSIONAL VALUES

Section Length (L):

113.2 in

2,875 mm

Rubber Length (X):

102 in

2,580 mm

Standard Shed Height (P):

2.1 in

54 mm

Shed Spacing (S):

3.15 in

80 mm

Dry Arc Distance:

101.7 in

2,583 mm

Leakage Distance:

232.2 in

5,898 mm

ELECTRICAL VALUES

60 Hz Dry Flashover:

979 kV

Min. Withstand:

874 kV

60 Hz Wet Flashover:

832 kV

Min. Withstand:

706 kV

Pos. Critical Impulse Flashover:

1,610 kV

Min. Withstand:

1,454 kV

Neg. Critical Impulse Flashover:

1,675 kV

Min. Withstand:

1,520 kV

MECHANICAL VALUES

Specified Mech. Load (SML):

30,000 lbs

133.4 kN

Routine Test Load (RTL):

15,000 lbs

66.7 kN

