

MPS Catalog Number:

S1 40 80 126 VB SS 043

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:

43 standard

Rod Diameter:

16 mm

Weight Estimate:

25.1 lbs

11.4 kg

DIMENSIONAL VALUES

Section Length (L):

137.2 in

3,485 mm

Rubber Length (X):

126 in

3,189 mm

Standard Shed Height (P):

2.1 in

54 mm

Shed Spacing (S):

3.04 in

77 mm

Dry Arc Distance:

125.7 in

3,193 mm

Leakage Distance:

291.1 in

7,394 mm

ELECTRICAL VALUES

60 Hz Dry Flashover:

1,155 kV

Min. Withstand:

1,056 kV

60 Hz Wet Flashover:

1,000 kV

Min. Withstand:

830 kV

Pos. Critical Impulse Flashover:

1,957 kV

Min. Withstand:

1,753 kV

Neg. Critical Impulse Flashover:

2,025 kV

Min. Withstand:

1,815 kV

MECHANICAL VALUES

Specified Mech. Load (SML):

25,000 lbs

111.2 kN

Routine Test Load (RTL):

12,500 lbs

55.6 kN

