

MPS Catalog Number:

S1 40 80 132 VB SS 041

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:

41 standard

Rod Diameter:

16 mm

Weight Estimate:

24.9 lbs

11.3 kg

DIMENSIONAL VALUES

Section Length (L):

143.2 in

3,637 mm

Rubber Length (X):

132 in

3,342 mm

Standard Shed Height (P):

2.1 in

54 mm

Shed Spacing (S):

3.37 in

86 mm

Dry Arc Distance:

131.7 in

3,345 mm

Leakage Distance:

289.4 in

7,351 mm

ELECTRICAL VALUES

60 Hz Dry Flashover:

1,199 kV

Min. Withstand:

1,100 kV

60 Hz Wet Flashover:

1,032 kV

Min. Withstand:

861 kV

Pos. Critical Impulse Flashover:

2,043 kV

Min. Withstand:

1,827 kV

Neg. Critical Impulse Flashover:

2,111 kV

Min. Withstand:

1,889 kV

MECHANICAL VALUES

Specified Mech. Load (SML):

25,000 lbs

111.2 kN

Routine Test Load (RTL):

12,500 lbs

55.6 kN

