

MPS Catalog Number:

S1 40 80 138 VB SS 058

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:

58 standard

Rod Diameter:

16 mm

Weight Estimate:

29.5 lbs

13.4 kg

DIMENSIONAL VALUES

Section Length (L):

149.2 in

3,790 mm

Rubber Length (X):

138 in

3,494 mm

Standard Shed Height (P):

2.1 in

54 mm

Shed Spacing (S):

2.42 in

61 mm

Dry Arc Distance:

137.7 in

3,498 mm

Leakage Distance:

361.3 in

9,177 mm

ELECTRICAL VALUES

60 Hz Dry Flashover:

1,242 kV

Min. Withstand:

1,144 kV

60 Hz Wet Flashover:

1,062 kV

Min. Withstand:

892 kV

Pos. Critical Impulse Flashover:

2,129 kV

Min. Withstand:

1,902 kV

Neg. Critical Impulse Flashover:

2,198 kV

Min. Withstand:

1,963 kV

MECHANICAL VALUES

Specified Mech. Load (SML):

25,000 lbs

111.2 kN

Routine Test Load (RTL):

12,500 lbs

55.6 kN

