

MPS Catalog Number:

S1 40 80 048 VX SS 031

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:

31 standard

Rod Diameter:

16 mm

Weight Estimate:

14 lbs

6.4 kg

DIMENSIONAL VALUES

Section Length (L):

59.2 in

1,504 mm

Rubber Length (X):

48 in

1,208 mm

Standard Shed Height (P):

2.1 in

54 mm

Shed Spacing (S):

1.5 in

38 mm

Dry Arc Distance:

51.2 in

1,300 mm

Leakage Distance:

166.6 in

4,232 mm

ELECTRICAL VALUES

60 Hz Dry Flashover:

502 kV

Min. Withstand:

463 kV

60 Hz Wet Flashover:

447 kV

Min. Withstand:

389 kV

Pos. Critical Impulse Flashover:

857 kV

Min. Withstand:

746 kV

Neg. Critical Impulse Flashover:

906 kV

Min. Withstand:

777 kV

MECHANICAL VALUES

Specified Mech. Load (SML):

25,000 lbs

111.2 kN

Routine Test Load (RTL):

12,500 lbs

55.6 kN

