

MPS Catalog Number:

S5 40 80 072 VX SS 011

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):

None

Corona Rings are recommended for applications of 230 kV and above

Number of Sheds:

11 standard

Rod Diameter:

16 mm

Weight Estimate:

14.7 lbs

6.7 kg

DIMENSIONAL VALUES

Section Length (L):

83.2 in

2,113 mm

Rubber Length (X):

72 in

1,818 mm

Standard Shed Height (P):

2.1 in

54 mm

Shed Spacing (S):

9.23 in

234 mm

Dry Arc Distance:

75.2 in

1,910 mm

Leakage Distance:

113 in

2,870 mm

ELECTRICAL VALUES

60 Hz Dry Flashover:

730 kV

Min. Withstand:

663 kV

60 Hz Wet Flashover:

630 kV

Min. Withstand:

548 kV

Pos. Critical Impulse Flashover:

1,221 kV

Min. Withstand:

1,084 kV

Neg. Critical Impulse Flashover:

1,279 kV

Min. Withstand:

1,113 kV

MECHANICAL VALUES

Specified Mech. Load (SML):

30,000 lbs

133.4 kN

Routine Test Load (RTL):

15,000 lbs

66.7 kN

