

MPS Catalog Number:

S5 40 80 031 VX SS 017

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:

17 standard

Rod Diameter:

16 mm

Weight Estimate:

14.7 lbs

6.7 kg

**DIMENSIONAL VALUES**

Section Length (L):

42.2 in

1,072 mm

Rubber Length (X):

31 in

776 mm

Standard Shed Height (P):

2.1 in

54 mm

Shed Spacing (S):

1.81 in

46 mm

Dry Arc Distance:

34.2 in

869 mm

Leakage Distance:

95.3 in

2,421 mm

**ELECTRICAL VALUES**

60 Hz Dry Flashover:

340 kV

Min. Withstand:

316 kV

60 Hz Wet Flashover:

307 kV

Min. Withstand:

267 kV

Pos. Critical Impulse Flashover:

589 kV

Min. Withstand:

507 kV

Neg. Critical Impulse Flashover:

629 kV

Min. Withstand:

538 kV

**MECHANICAL VALUES**

Specified Mech. Load (SML):

30,000 lbs

133.4 kN

Routine Test Load (RTL):

15,000 lbs

66.7 kN

