

MPS Catalog Number:

S1 40 80 078 VX SS 029

Date:

09/04/2013

**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:

29 standard

Rod Diameter:

16 mm

Weight Estimate:

14.7 lbs

6.7 kg

**DIMENSIONAL VALUES**

Section Length (L):

89.2 in

2,266 mm

Rubber Length (X):

78 in

1,970 mm

Standard Shed Height (P):

2.1 in

54 mm

Shed Spacing (S):

2.82 in

72 mm

Dry Arc Distance:

81.2 in

2,062 mm

Leakage Distance:

188.8 in

4,796 mm

**ELECTRICAL VALUES**

60 Hz Dry Flashover:

788 kV

Min. Withstand:

711 kV

60 Hz Wet Flashover:

674 kV

Min. Withstand:

586 kV

Pos. Critical Impulse Flashover:

1,310 kV

Min. Withstand:

1,169 kV

Neg. Critical Impulse Flashover:

1,370 kV

Min. Withstand:

1,197 kV

**MECHANICAL VALUES**

Specified Mech. Load (SML):

25,000 lbs

111.2 kN

Routine Test Load (RTL):

12,500 lbs

55.6 kN

