

MPS Catalog Number:

S2 40 80 049 VA SS 026

Date:

02/24/2014

**END FITTINGS**

Tower End Fitting:

Y-Clevis

Line End Fitting:

Ball (ANSI 52-8/11)

**MATERIAL**

Corona Ring (Tower):

None

Corona Ring (Line):

8" Corona Ring

Corona Rings are recommended for applications of 230 kV and above

Number of Sheds:

26 standard

Rod Diameter:

24 mm

Weight Estimate:

20.7 lbs

9.4 kg

**DIMENSIONAL VALUES**

Section Length (L):

63.6 in 1,615 mm

Rubber Length (X):

49 in 1,245 mm

Standard Shed Height (P):

2.1 in 54 mm

Shed Spacing (S):

1.91 in 49 mm

Dry Arc Distance:

49.2 in 1,250 mm

Leakage Distance:

148.6 in 3,774 mm

**ELECTRICAL VALUES**

60 Hz Dry Flashover:

483 kV Min. Withstand: 446 kV

60 Hz Wet Flashover:

431 kV Min. Withstand: 375 kV

Pos. Critical Impulse Flashover:

826 kV Min. Withstand: 718 kV

Neg. Critical Impulse Flashover:

874 kV Min. Withstand: 749 kV

**MECHANICAL VALUES**

Specified Mech. Load (SML):

50,000 lbs 222.4 kN

Routine Test Load (RTL):

25,000 lbs 111.2 kN

