

MPS Catalog Number:

S2 40 80 028 VA SS 009

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:

9 standard

Rod Diameter:

24 mm

Weight Estimate:

13.9 lbs

6.3 kg

**DIMENSIONAL VALUES**

Section Length (L):

42.6 in

1,082 mm

Rubber Length (X):

28 in

711 mm

Standard Shed Height (P):

2.1 in

54 mm

Shed Spacing (S):

4.2 in

107 mm

Dry Arc Distance:

28.2 in

716 mm

Leakage Distance:

61.7 in

1,567 mm

**ELECTRICAL VALUES**

60 Hz Dry Flashover:

283 kV

Min. Withstand:

264 kV

60 Hz Wet Flashover:

255 kV

Min. Withstand:

222 kV

Pos. Critical Impulse Flashover:

491 kV

Min. Withstand:

423 kV

Neg. Critical Impulse Flashover:

527 kV

Min. Withstand:

454 kV

**MECHANICAL VALUES**

Specified Mech. Load (SML):

50,000 lbs

222.4 kN

Routine Test Load (RTL):

25,000 lbs

111.2 kN

