

MPS Catalog Number:

S2 40 80 037 VA SS 023

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:

23 standard

Rod Diameter:

24 mm

Weight Estimate:

18.9 lbs

8.6 kg

DIMENSIONAL VALUES

Section Length (L):

51.6 in

1,311 mm

Rubber Length (X):

37 in

940 mm

Standard Shed Height (P):

2.1 in

54 mm

Shed Spacing (S):

1.58 in

40 mm

Dry Arc Distance:

37.2 in

945 mm

Leakage Distance:

125 in

3,175 mm

ELECTRICAL VALUES

60 Hz Dry Flashover:

368 kV

Min. Withstand:

343 kV

60 Hz Wet Flashover:

332 kV

Min. Withstand:

289 kV

Pos. Critical Impulse Flashover:

637 kV

Min. Withstand:

549 kV

Neg. Critical Impulse Flashover:

679 kV

Min. Withstand:

580 kV

MECHANICAL VALUES

Specified Mech. Load (SML):

50,000 lbs

222.4 kN

Routine Test Load (RTL):

25,000 lbs

111.2 kN

