

MPS Catalog Number:

S6 40 82 043 VA SS 015

Date:

02/28/2014

END FITTINGS

Tower End Fitting:

Y-Clevis

Line End Fitting:

Ball (ANSI 52-8)

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:

15 standard

Rod Diameter:

18 mm

Weight Estimate:

12.8 lbs

5.8 kg

DIMENSIONAL VALUES

Section Length (L):

56.4 in

1,433 mm

Rubber Length (X):

43 in

1,092 mm

Standard Shed Height (P):

2.2 in

55 mm

Shed Spacing (S):

3.27 in

83 mm

Dry Arc Distance:

43.2 in

1,097 mm

Leakage Distance:

99.9 in

2,537 mm

ELECTRICAL VALUES

60 Hz Dry Flashover:

426 kV

Min. Withstand:

395 kV

60 Hz Wet Flashover:

382 kV

Min. Withstand:

333 kV

Pos. Critical Impulse Flashover:

732 kV

Min. Withstand:

634 kV

Neg. Critical Impulse Flashover:

777 kV

Min. Withstand:

664 kV

MECHANICAL VALUES

Specified Mech. Load (SML):

36,000 lbs

160.1 kN

Routine Test Load (RTL):

18,000 lbs

80.1 kN

