

MPS Catalog Number:

S6 40 82 040 VA SS 024

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:

24 standard

Rod Diameter:

18 mm

Weight Estimate:

15.2 lbs

6.9 kg

DIMENSIONAL VALUES

Section Length (L):

53.4 in

1,356 mm

Rubber Length (X):

40 in

1,016 mm

Standard Shed Height (P):

2.2 in

55 mm

Shed Spacing (S):

1.65 in

42 mm

Dry Arc Distance:

40.2 in

1,021 mm

Leakage Distance:

131.9 in

3,350 mm

ELECTRICAL VALUES

60 Hz Dry Flashover:

397 kV

Min. Withstand:

369 kV

60 Hz Wet Flashover:

357 kV

Min. Withstand:

311 kV

Pos. Critical Impulse Flashover:

685 kV

Min. Withstand:

591 kV

Neg. Critical Impulse Flashover:

728 kV

Min. Withstand:

622 kV

MECHANICAL VALUES

Specified Mech. Load (SML):

36,000 lbs

160.1 kN

Routine Test Load (RTL):

18,000 lbs

80.1 kN

