

MPS Catalog Number:

S6 40 82 040 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:

12.7 lbs

5.8 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):

3 in 76 mm

Dry Arc Distance:

40.2 in 1,021 mm

Leakage Distance:

96.9 in 2,461 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

