

MPS Catalog Number:

S6 40 82 076 VA SS 043

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:

43 standard

Rod Diameter:

18 mm

Weight Estimate:

22.2 lbs

10.1 kg

DIMENSIONAL VALUES

Section Length (L):

89.4 in

2,271 mm

Rubber Length (X):

76 in

1,930 mm

Standard Shed Height (P):

2.2 in

55 mm

Shed Spacing (S):

1.77 in

45 mm

Dry Arc Distance:

76.2 in

1,935 mm

Leakage Distance:

241.6 in

6,137 mm

ELECTRICAL VALUES

60 Hz Dry Flashover:

740 kV

Min. Withstand:

671 kV

60 Hz Wet Flashover:

638 kV

Min. Withstand:

555 kV

Pos. Critical Impulse Flashover:

1,236 kV

Min. Withstand:

1,098 kV

Neg. Critical Impulse Flashover:

1,294 kV

Min. Withstand:

1,127 kV

MECHANICAL VALUES

Specified Mech. Load (SML):

36,000 lbs

160.1 kN

Routine Test Load (RTL):

18,000 lbs

80.1 kN

