

MPS Catalog Number:

S2 40 80 043 VA SS 026

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:

26 standard

Rod Diameter:

24 mm

Weight Estimate:

20.2 lbs

9.2 kg

DIMENSIONAL VALUES

Section Length (L):

57.6 in 1,463 mm

Rubber Length (X):

43 in 1,092 mm

Standard Shed Height (P):

2.1 in 54 mm

Shed Spacing (S):

1.64 in 42 mm

Dry Arc Distance:

43.2 in 1,097 mm

Leakage Distance:

142.6 in 3,622 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):

50,000 lbs 222.4 kN

Routine Test Load (RTL):

25,000 lbs 111.2 kN

