

MPS Catalog Number:

S5 40 80 036 VX SS 021

Date:

09/05/2013

END FITTINGS

Tower End Fitting:

Y-Clevis

Line End Fitting:

Ball (ANSI 52-5)

MATERIAL

Corona Ring (Tower):

None

Corona Ring (Line):

None

Corona Rings are recommended for applications of 230 kV and above

Number of Sheds:

21 standard

Rod Diameter:

16 mm

Weight Estimate:

15.9 lbs

7.2 kg

DIMENSIONAL VALUES

Section Length (L):

47.2 in

1,199 mm

Rubber Length (X):

36 in

903 mm

Standard Shed Height (P):

2.1 in

54 mm

Shed Spacing (S):

1.68 in

43 mm

Dry Arc Distance:

39.2 in

996 mm

Leakage Distance:

115.8 in

2,941 mm

ELECTRICAL VALUES

60 Hz Dry Flashover:

388 kV

Min. Withstand:

360 kV

60 Hz Wet Flashover:

349 kV

Min. Withstand:

304 kV

Pos. Critical Impulse Flashover:

669 kV

Min. Withstand:

577 kV

Neg. Critical Impulse Flashover:

712 kV

Min. Withstand:

608 kV

MECHANICAL VALUES

Specified Mech. Load (SML):

30,000 lbs

133.4 kN

Routine Test Load (RTL):

15,000 lbs

66.7 kN

