

MPS Catalog Number:

S1 40 80 066 VX SS 030

Date:

09/03/2013

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:

30 standard

Rod Diameter:

16 mm

Weight Estimate:

14.5 lbs

6.6 kg

DIMENSIONAL VALUES

Section Length (L):

77.2 in

1,961 mm

Rubber Length (X):

66 in

1,665 mm

Standard Shed Height (P):

2.1 in

54 mm

Shed Spacing (S):

2.25 in

57 mm

Dry Arc Distance:

69.2 in

1,758 mm

Leakage Distance:

180.7 in

4,590 mm

ELECTRICAL VALUES

60 Hz Dry Flashover:

673 kV

Min. Withstand:

614 kV

60 Hz Wet Flashover:

586 kV

Min. Withstand:

510 kV

Pos. Critical Impulse Flashover:

1,131 kV

Min. Withstand:

1,000 kV

Neg. Critical Impulse Flashover:

1,188 kV

Min. Withstand:

1,029 kV

MECHANICAL VALUES

Specified Mech. Load (SML):

25,000 lbs

111.2 kN

Routine Test Load (RTL):

12,500 lbs

55.6 kN

