

MPS Catalog Number:

S2 40 80 040 VX SS 015

Date:

02/20/2014

END FITTINGS

Tower End Fitting:

Y-Clevis

Line End Fitting:

Ball (ANSI 52-8/11)

MATERIAL

Corona Ring (Tower):

None

Corona Ring (Line):

None

Corona Rings are recommended for applications of 230 kV and above

Number of Sheds:

15 standard

Rod Diameter:

24 mm

Weight Estimate:

14.5 lbs

6.6 kg

DIMENSIONAL VALUES

Section Length (L):

54.6 in 1,387 mm

Rubber Length (X):

40 in 1,016 mm

Standard Shed Height (P):

2.1 in 54 mm

Shed Spacing (S):

3 in 76 mm

Dry Arc Distance:

43.7 in 1,110 mm

Leakage Distance:

96.9 in 2,461 mm

ELECTRICAL VALUES

60 Hz Dry Flashover:

430 kV Min. Withstand: 399 kV

60 Hz Wet Flashover:

386 kV Min. Withstand: 336 kV

Pos. Critical Impulse Flashover:

740 kV Min. Withstand: 641 kV

Neg. Critical Impulse Flashover:

786 kV Min. Withstand: 671 kV

MECHANICAL VALUES

Specified Mech. Load (SML):

50,000 lbs 222.4 kN

Routine Test Load (RTL):

25,000 lbs 111.2 kN

