

MPS Catalog Number:

S1 40 80 025 VX SS 009

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:

9 standard

Rod Diameter:

16 mm

Weight Estimate:

7.4 lbs

3.4 kg

**DIMENSIONAL VALUES**

Section Length (L):

36.2 in

919 mm

Rubber Length (X):

25 in

624 mm

Standard Shed Height (P):

2.1 in

54 mm

Shed Spacing (S):

3.52 in

89 mm

Dry Arc Distance:

28.2 in

716 mm

Leakage Distance:

58.2 in

1,478 mm

**ELECTRICAL VALUES**

60 Hz Dry Flashover:

283 kV

Min. Withstand:

264 kV

60 Hz Wet Flashover:

255 kV

Min. Withstand:

222 kV

Pos. Critical Impulse Flashover:

491 kV

Min. Withstand:

423 kV

Neg. Critical Impulse Flashover:

527 kV

Min. Withstand:

454 kV

**MECHANICAL VALUES**

Specified Mech. Load (SML):

25,000 lbs

111.2 kN

Routine Test Load (RTL):

12,500 lbs

55.6 kN

