

MPS Catalog Number:
Date:

S6 40 82 031 VX SS 015
02/27/2014

END FITTINGS

Tower End Fitting: Y-Clevis
Line End Fitting: Ball (ANSI 52-8)

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: 18 mm
Weight Estimate: 10 lbs 4.5 kg

DIMENSIONAL VALUES

Section Length (L): 44.4 in 1,128 mm
Rubber Length (X): 31 in 787 mm
Standard Shed Height (P): 2.2 in 55 mm
Shed Spacing (S): 2.18 in 55 mm
Dry Arc Distance: 34.7 in 881 mm
Leakage Distance: 87.9 in 2,233 mm

ELECTRICAL VALUES

60 Hz Dry Flashover: 345 kV Min. Withstand: 321 kV
60 Hz Wet Flashover: 311 kV Min. Withstand: 271 kV
Pos. Critical Impulse Flashover: 597 kV Min. Withstand: 514 kV
Neg. Critical Impulse Flashover: 637 kV Min. Withstand: 545 kV

MECHANICAL VALUES

Specified Mech. Load (SML): 36,000 lbs 160.1 kN
Routine Test Load (RTL): 18,000 lbs 80.1 kN

