



S1 90 80 054 MX AL 035 MPS Catalog Number: Date: 01/24/2014 **END FITTINGS Tower End Fitting: Eve (Forged Steel)** Line End Fitting: Ball (Forged Steel) (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: 18 standard 17 large **Rod Diameter:** 16 mm Weight Estimate: 11.1 lbs 5.1 kg **DIMENSIONAL VALUES** Section Length (L): 1.681 mm 66.2 in Rubber Length (X): 54.4 in 1.382 mm Standard Shed Height (P1): 1.5 in 38 mm Large Shed Height (P2): 2 in 51 mm Projection Ratio (S/P): 1.5 Shed Spacing (S): 3 in 76 mm **Dry Arc Distance:** 56.7 in 1.440 mm 158.4 in Leakage Distance: 4,023 mm **ELECTRICAL VALUES** 60 Hz Dry Flashover: 554 kV Min. Withstand: 510 kV 60 Hz Wet Flashover: 491 kV Min. Withstand: 427 kV Pos. Critical Impulse Flashover: 942 kV Min. Withstand: 824 kV Neg. Critical Impulse Flashover: 875 kV 994 kV Min. Withstand: **MECHANICAL VALUES** Specified Mech. Load (SML): 25.000 lbs 111.2 kN 12,500 lbs Routine Test Load (RTL): 55.6 kN

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Dimensions: inches [millimeters]

Note: Drawing not actual depiction
of insulator appearance

