

MPS Catalog Number:
Date:

S2 40 80 084 VA SS 044
02/24/2014

END FITTINGS

Tower End Fitting: Y-Clevis
Line End Fitting: Ball (ANSI 52-8/11)

MATERIAL

Corona Ring (Tower): None
Corona Ring (Line): 8" Corona Ring
Corona Rings are recommended for applications of 230 kV and above
Number of Sheds: 44 standard
Rod Diameter: 24 mm
Weight Estimate: 28.8 lbs 13.1 kg

DIMENSIONAL VALUES

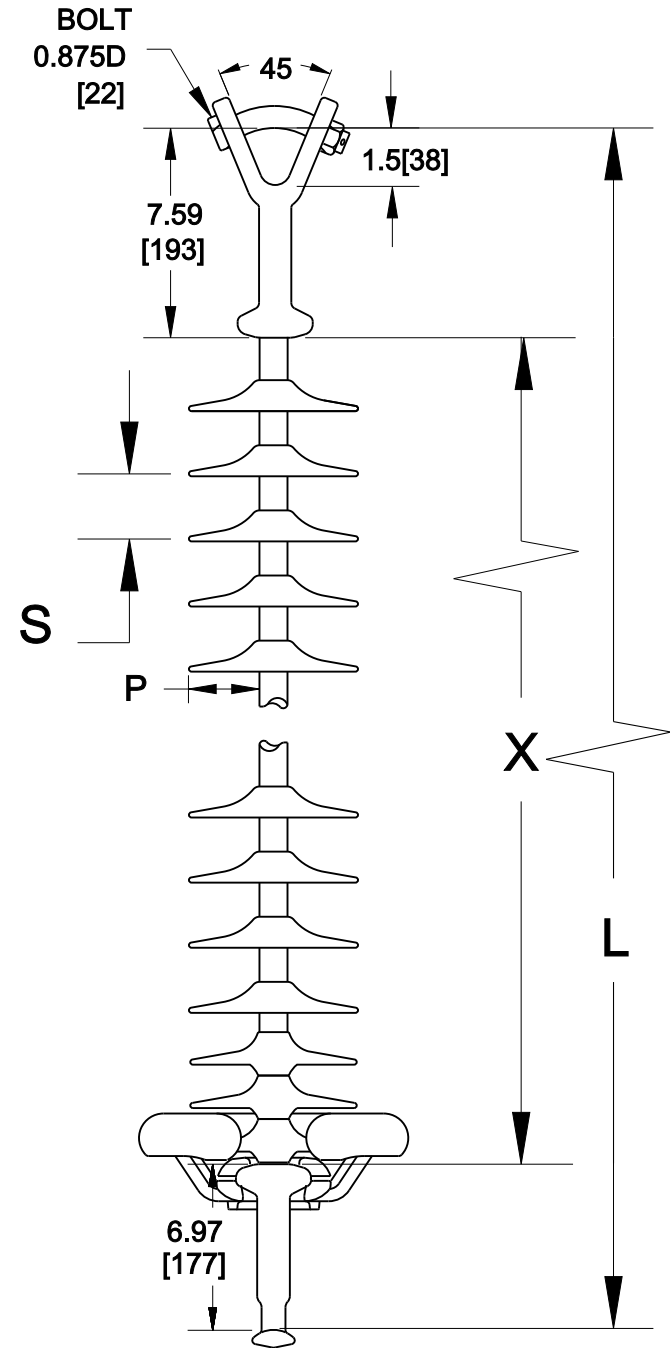
Section Length (L): 98.6 in 2,504 mm
Rubber Length (X): 84 in 2,134 mm
Standard Shed Height (P): 2.1 in 54 mm
Shed Spacing (S): 1.93 in 49 mm
Dry Arc Distance: 84.2 in 2,139 mm
Leakage Distance: 253.5 in 6,439 mm

ELECTRICAL VALUES

60 Hz Dry Flashover: 816 kV Min. Withstand: 736 kV
60 Hz Wet Flashover: 695 kV Min. Withstand: 604 kV
Pos. Critical Impulse Flashover: 1,354 kV Min. Withstand: 1,211 kV
Neg. Critical Impulse Flashover: 1,415 kV Min. Withstand: 1,239 kV

MECHANICAL VALUES

Specified Mech. Load (SML): 50,000 lbs 222.4 kN
Routine Test Load (RTL): 25,000 lbs 111.2 kN



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Dimensions: inches [millimeters]
Note: Drawing not actual depiction of insulator appearance

Silicone Rubber Sheath & Sheds
Complies with applicable ANSI and IEC standards.