

MPS Catalog Number:
Date:

S6 40 82 088 VA SS 043
02/28/2014

END FITTINGS

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

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: 43 standard
Rod Diameter: 18 mm
Weight Estimate: 22.7 lbs 10.3 kg

DIMENSIONAL VALUES

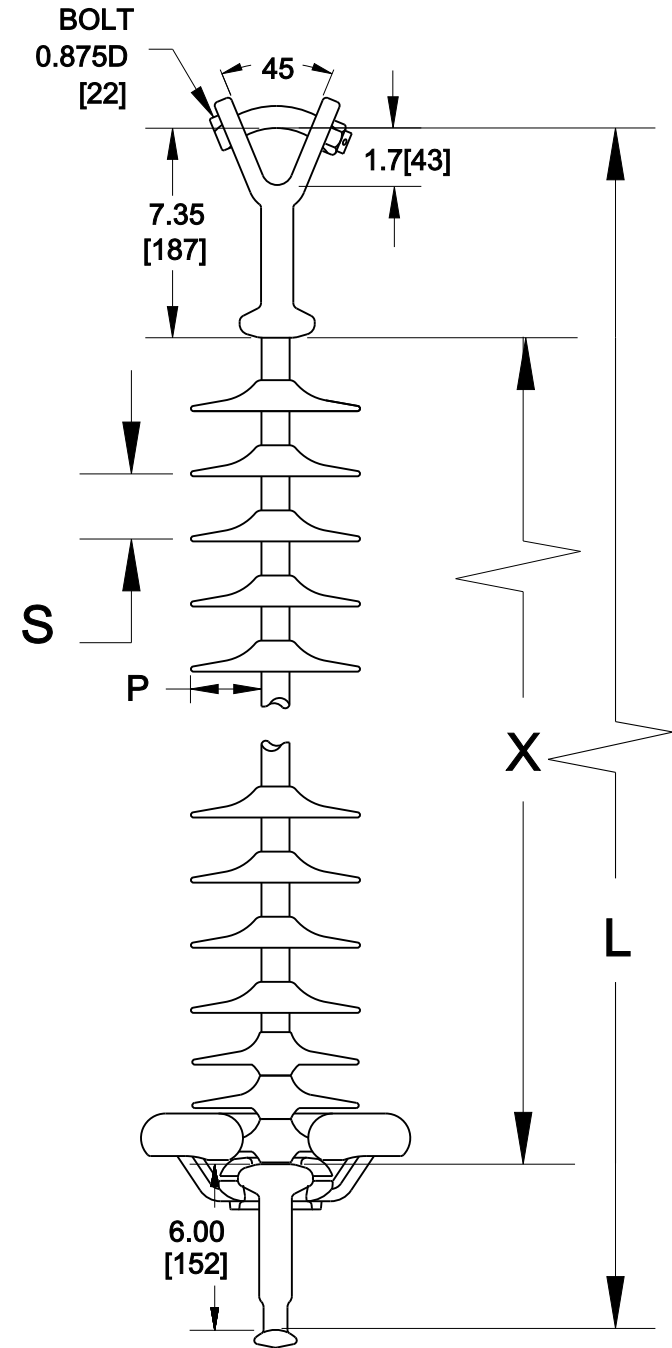
Section Length (L): 101.4 in 2,576 mm
Rubber Length (X): 88 in 2,235 mm
Standard Shed Height (P): 2.2 in 55 mm
Shed Spacing (S): 2.08 in 53 mm
Dry Arc Distance: 88.2 in 2,240 mm
Leakage Distance: 253.6 in 6,441 mm

ELECTRICAL VALUES

60 Hz Dry Flashover: 854 kV Min. Withstand: 768 kV
60 Hz Wet Flashover: 722 kV Min. Withstand: 629 kV
Pos. Critical Impulse Flashover: 1,413 kV Min. Withstand: 1,267 kV
Neg. Critical Impulse Flashover: 1,475 kV Min. Withstand: 1,296 kV

MECHANICAL VALUES

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