

MPS Catalog Number:
Date:

S6 40 82 046 VX SS 025
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: 25 standard
Rod Diameter: 18 mm
Weight Estimate: 18.5 lbs 8.4 kg

DIMENSIONAL VALUES

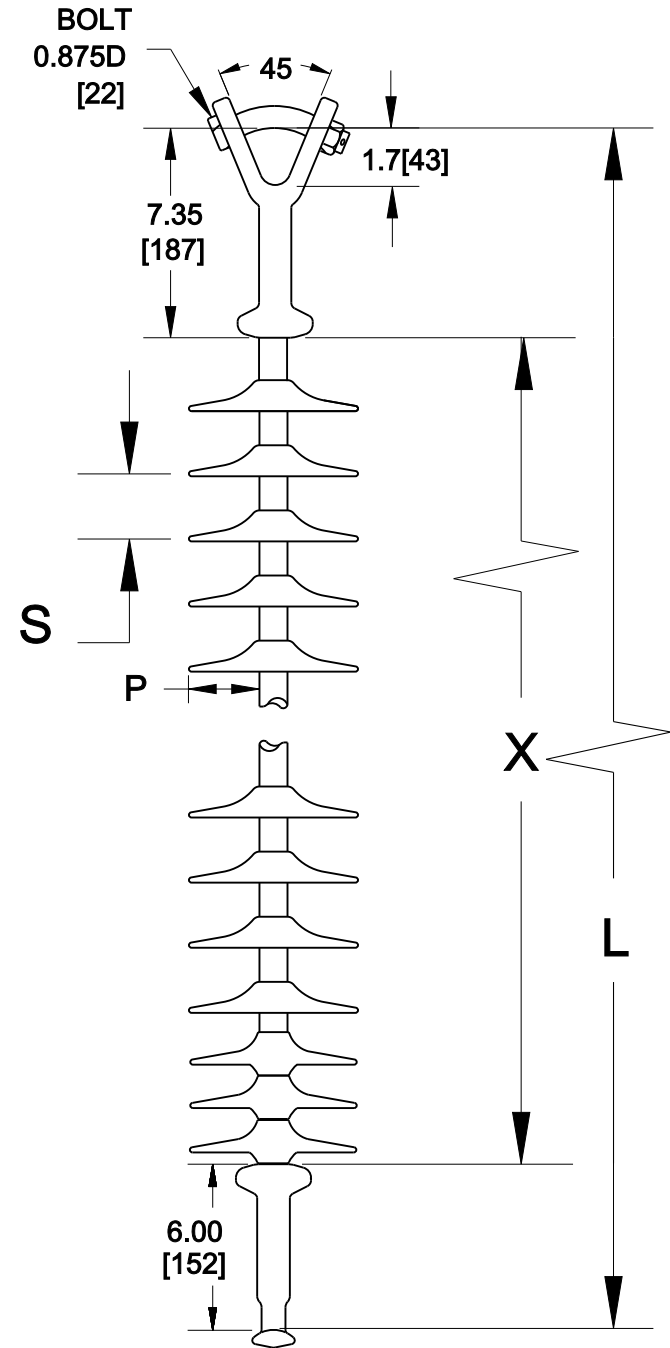
Section Length (L): 59.4 in 1,509 mm
Rubber Length (X): 46 in 1,168 mm
Standard Shed Height (P): 2.2 in 55 mm
Shed Spacing (S): 1.86 in 47 mm
Dry Arc Distance: 49.7 in 1,262 mm
Leakage Distance: 141.7 in 3,599 mm

ELECTRICAL VALUES

60 Hz Dry Flashover: 488 kV Min. Withstand: 450 kV
60 Hz Wet Flashover: 435 kV Min. Withstand: 379 kV
Pos. Critical Impulse Flashover: 834 kV Min. Withstand: 725 kV
Neg. Critical Impulse Flashover: 882 kV Min. Withstand: 756 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.