

MPS Catalog Number:
Date:

S2 40 80 072 VA SS 043
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: 43 standard
Rod Diameter: 24 mm
Weight Estimate: 27.6 lbs 12.5 kg

DIMENSIONAL VALUES

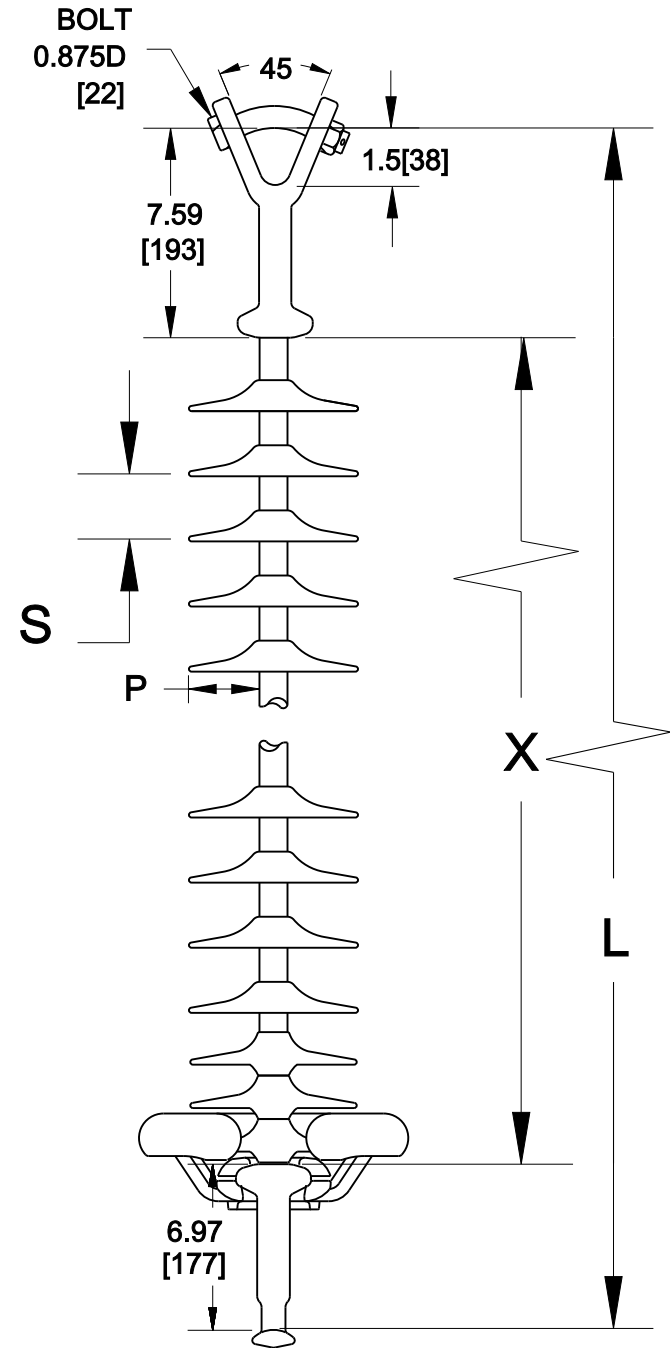
Section Length (L): 86.6 in 2,200 mm
Rubber Length (X): 72 in 1,829 mm
Standard Shed Height (P): 2.1 in 54 mm
Shed Spacing (S): 1.67 in 42 mm
Dry Arc Distance: 72.2 in 1,834 mm
Leakage Distance: 237.6 in 6,035 mm

ELECTRICAL VALUES

60 Hz Dry Flashover: 702 kV Min. Withstand: 638 kV
60 Hz Wet Flashover: 608 kV Min. Withstand: 529 kV
Pos. Critical Impulse Flashover: 1,176 kV Min. Withstand: 1,042 kV
Neg. Critical Impulse Flashover: 1,234 kV Min. Withstand: 1,071 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.