

MPS Catalog Number:
Date:

S2 40 80 058 VX SS 027
02/20/2014

END FITTINGS

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

MATERIAL

Corona Ring (Tower): None
Corona Ring (Line): None
Corona Rings are recommended for applications of 230 kV and above
Number of Sheds: 27 standard
Rod Diameter: 24 mm
Weight Estimate: 19.5 lbs 8.8 kg

DIMENSIONAL VALUES

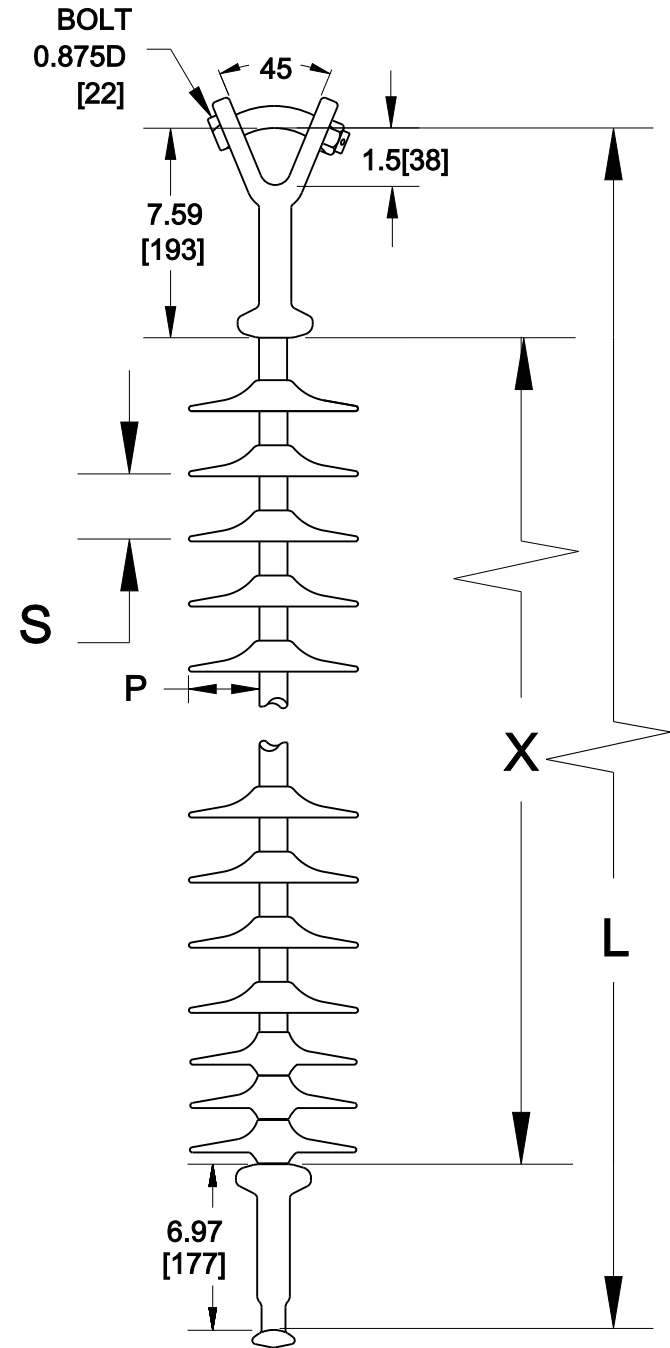
Section Length (L): 72.6 in 1,844 mm
Rubber Length (X): 58 in 1,473 mm
Standard Shed Height (P): 2.1 in 54 mm
Shed Spacing (S): 2.22 in 56 mm
Dry Arc Distance: 61.7 in 1,567 mm
Leakage Distance: 161.5 in 4,102 mm

ELECTRICAL VALUES

60 Hz Dry Flashover: 602 kV Min. Withstand: 551 kV
60 Hz Wet Flashover: 529 kV Min. Withstand: 461 kV
Pos. Critical Impulse Flashover: 1,018 kV Min. Withstand: 894 kV
Neg. Critical Impulse Flashover: 1,072 kV Min. Withstand: 924 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.