

MPS Catalog Number:
Date:

S2 40 80 031 VX SS 019
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: 19 standard
Rod Diameter: 24 mm
Weight Estimate: 15 lbs 6.8 kg

DIMENSIONAL VALUES

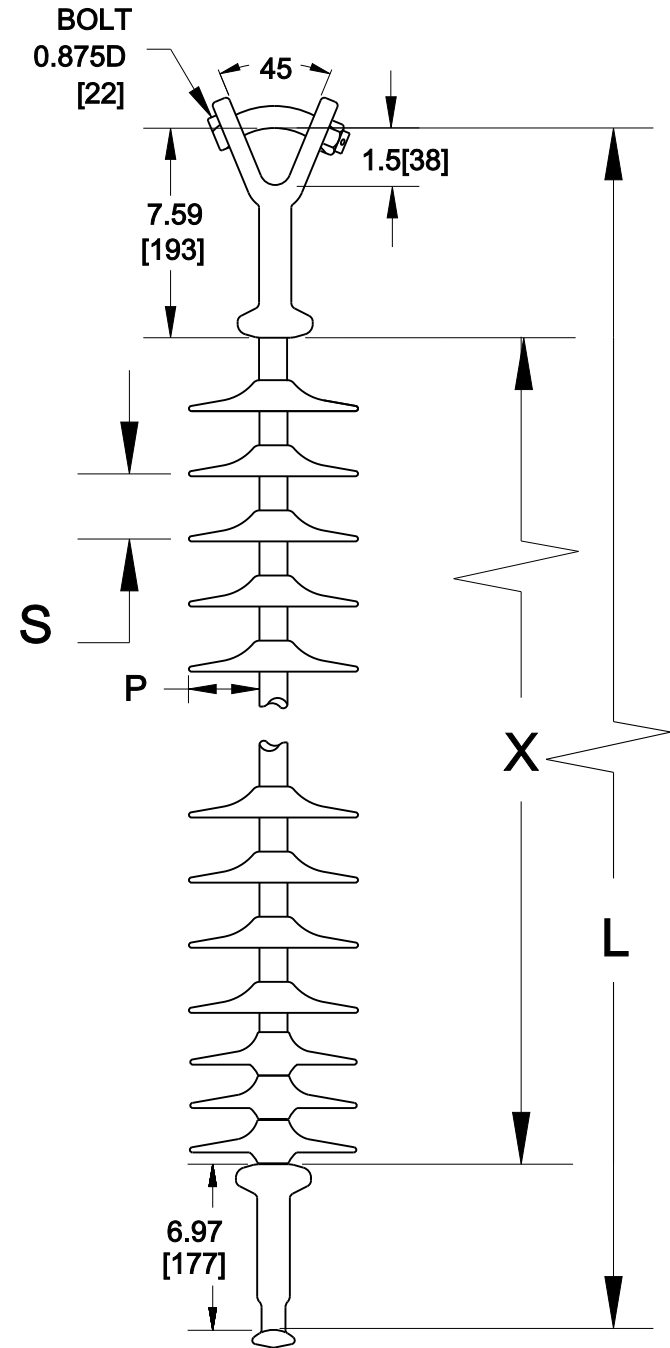
Section Length (L): 45.6 in 1,158 mm
Rubber Length (X): 31 in 787 mm
Standard Shed Height (P): 2.1 in 54 mm
Shed Spacing (S): 1.6 in 41 mm
Dry Arc Distance: 34.7 in 881 mm
Leakage Distance: 103.5 in 2,629 mm

ELECTRICAL VALUES

60 Hz Dry Flashover: 345 kV Min. Withstand: 321 kV
60 Hz Wet Flashover: 311 kV Min. Withstand: 271 kV
Pos. Critical Impulse Flashover: 597 kV Min. Withstand: 514 kV
Neg. Critical Impulse Flashover: 637 kV Min. Withstand: 545 kV

MECHANICAL VALUES

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



This drawing contains confidential information that is property of MacLean Power L.L.C ('MacLean'). Use of MacLean's confidential information without MacLean's express written consent is strictly prohibited and may expose you to legal liability. If you believe that you received this material in error, please destroy it or return it to 'MacLean Power, L.L.C., 7801 Park Place Rd, York, SC, 29745, USA.'

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

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