

MPS Catalog Number:
 Date:

S2 40 80 043 VX SS 026
 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: 26 standard
 Rod Diameter: 24 mm
 Weight Estimate: 18.1 lbs 8.2 kg

DIMENSIONAL VALUES

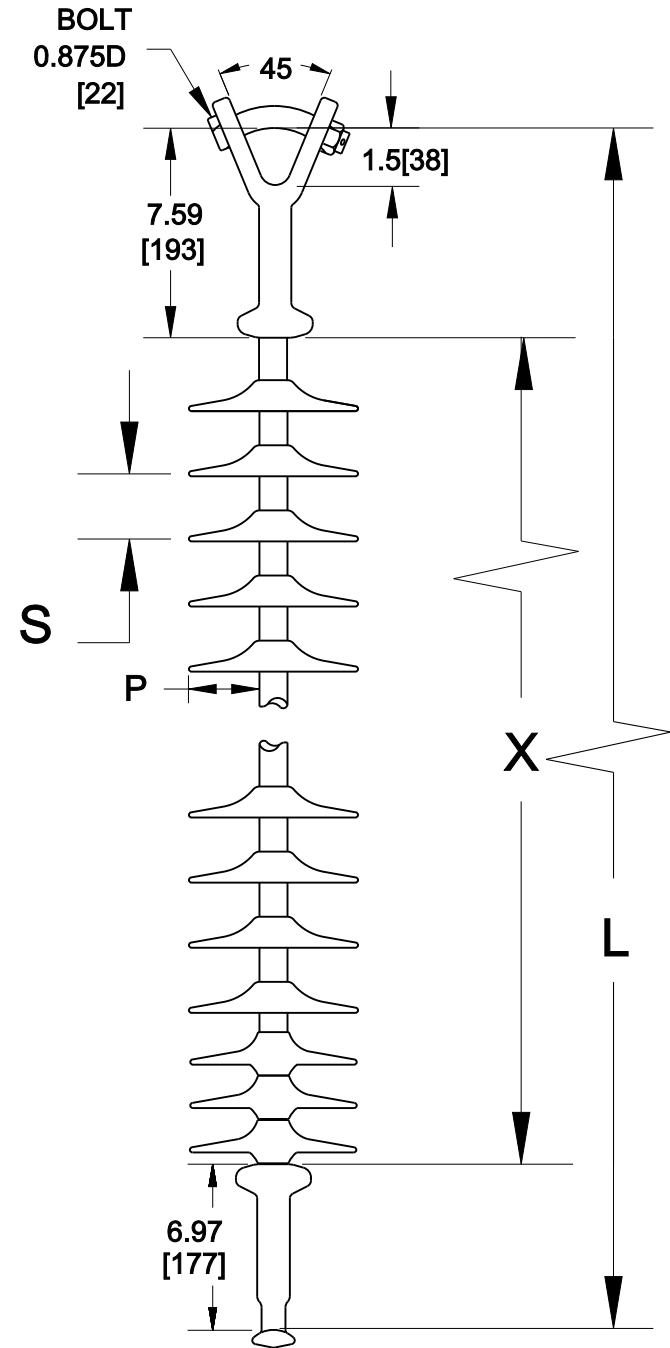
Section Length (L): 57.6 in 1,463 mm
 Rubber Length (X): 43 in 1,092 mm
 Standard Shed Height (P): 2.1 in 54 mm
 Shed Spacing (S): 1.64 in 42 mm
 Dry Arc Distance: 46.7 in 1,186 mm
 Leakage Distance: 142.6 in 3,622 mm

ELECTRICAL VALUES

60 Hz Dry Flashover: 459 kV Min. Withstand: 425 kV
 60 Hz Wet Flashover: 411 kV Min. Withstand: 357 kV
 Pos. Critical Impulse Flashover: 787 kV Min. Withstand: 683 kV
 Neg. Critical Impulse Flashover: 834 kV Min. Withstand: 713 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.