

MPS Catalog Number:

S2 40 80 061 VX SS 026

Date:

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:

19.4 lbs

8.8 kg

DIMENSIONAL VALUES

Section Length (L):

75.6 in 1,920 mm

Rubber Length (X):

61 in 1,549 mm

Standard Shed Height (P):

2.1 in 54 mm

Shed Spacing (S):

2.46 in 62 mm

Dry Arc Distance:

64.7 in 1,643 mm

Leakage Distance:

160.6 in 4,079 mm

ELECTRICAL VALUES

60 Hz Dry Flashover:

630 kV

Min. Withstand:

576 kV

60 Hz Wet Flashover:

552 kV

Min. Withstand:

481 kV

Pos. Critical Impulse Flashover:

1,063 kV

Min. Withstand:

936 kV

Neg. Critical Impulse Flashover:

1,118 kV

Min. Withstand:

966 kV

MECHANICAL VALUES

Specified Mech. Load (SML):

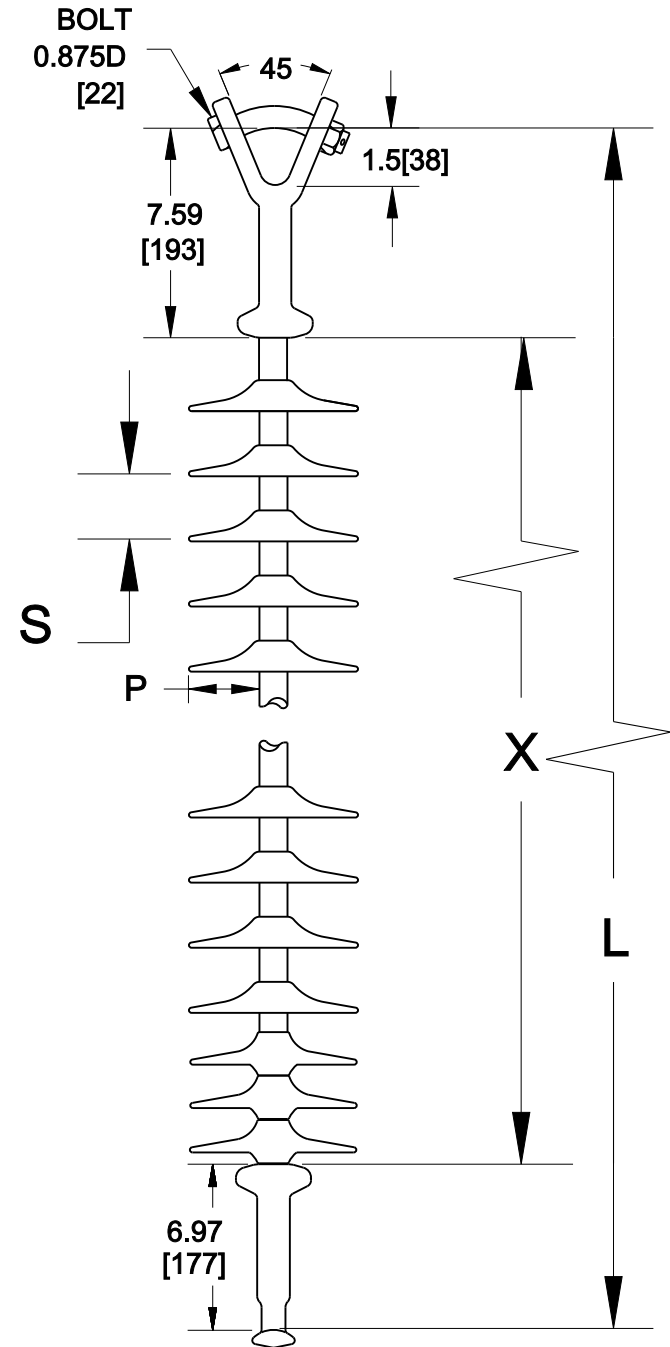
50,000 lbs

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.