

MPS Catalog Number:

S6 40 82 016 VX SS 005

Date:

02/27/2014

END FITTINGS

Tower End Fitting:

Y-Clevis

Line End Fitting:

Ball (ANSI 52-8)

MATERIAL

Corona Ring (Tower):

None

Corona Ring (Line):

None

Corona Rings are recommended for applications of 230 kV and above

Number of Sheds:

5 standard

Rod Diameter:

18 mm

Weight Estimate:

6.6 lbs

3 kg

DIMENSIONAL VALUES

Section Length (L):

29.4 in

747 mm

Rubber Length (X):

16 in

406 mm

Standard Shed Height (P):

2.2 in

55 mm

Shed Spacing (S):

9.02 in

229 mm

Dry Arc Distance:

19.7 in

500 mm

Leakage Distance:

34.1 in

866 mm

ELECTRICAL VALUES

60 Hz Dry Flashover:

202 kV

Min. Withstand:

188 kV

60 Hz Wet Flashover:

180 kV

Min. Withstand:

157 kV

Pos. Critical Impulse Flashover:

350 kV

Min. Withstand:

303 kV

Neg. Critical Impulse Flashover:

379 kV

Min. Withstand:

335 kV

MECHANICAL VALUES

Specified Mech. Load (SML):

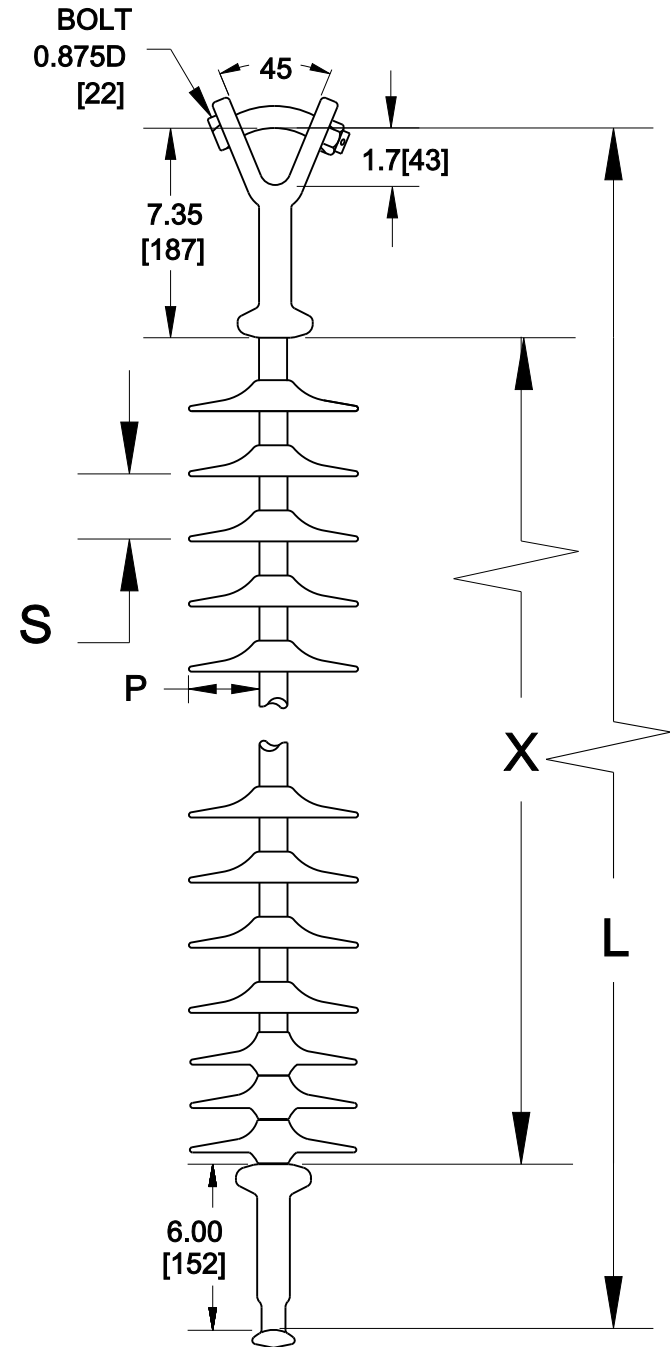
36,000 lbs

160.1 kN

Routine Test Load (RTL):

18,000 lbs

80.1 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.