

MPS Catalog Number:

S2 40 80 022 VX SS 013

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:

13 standard

Rod Diameter:

24 mm

Weight Estimate:

12.5 lbs

5.7 kg

DIMENSIONAL VALUES

Section Length (L):

36.6 in

930 mm

Rubber Length (X):

22 in

559 mm

Standard Shed Height (P):

2.1 in

54 mm

Shed Spacing (S):

1.67 in

42 mm

Dry Arc Distance:

25.7 in

653 mm

Leakage Distance:

71.2 in

1,808 mm

ELECTRICAL VALUES

60 Hz Dry Flashover:

259 kV

Min. Withstand:

242 kV

60 Hz Wet Flashover:

234 kV

Min. Withstand:

203 kV

Pos. Critical Impulse Flashover:

450 kV

Min. Withstand:

387 kV

Neg. Critical Impulse Flashover:

484 kV

Min. Withstand:

419 kV

MECHANICAL VALUES

Specified Mech. Load (SML):

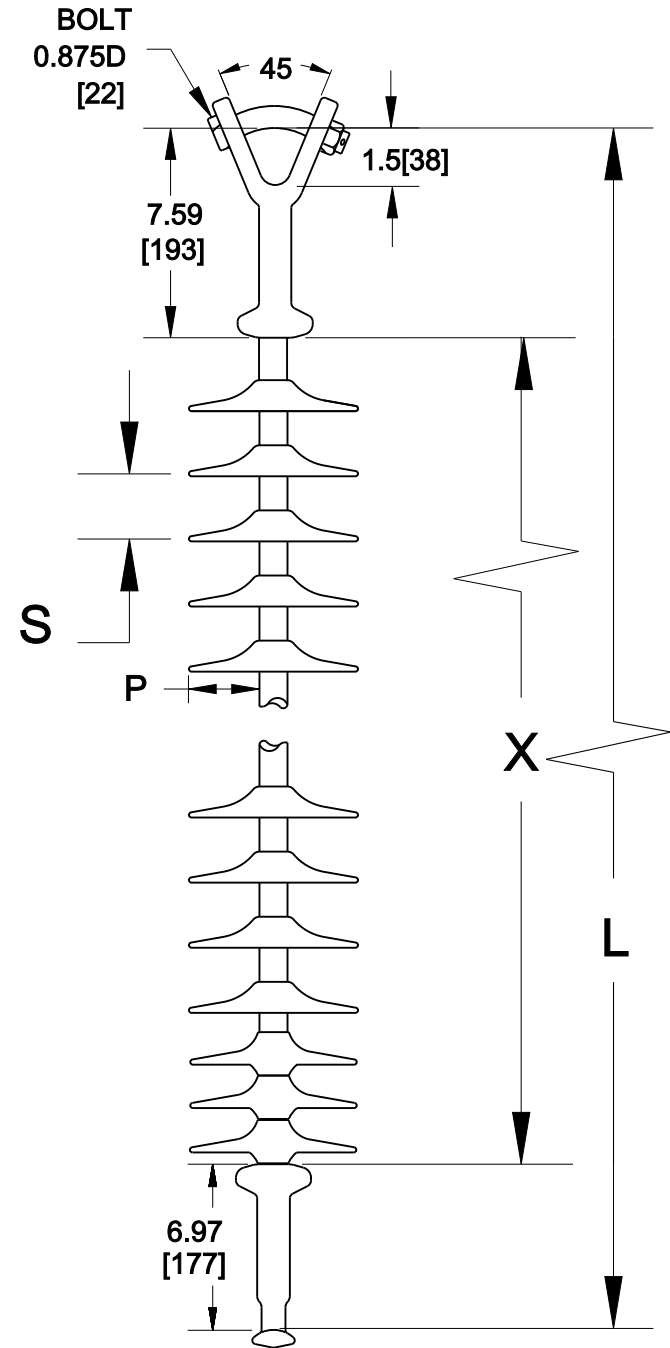
50,000 lbs

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.