

MPS Catalog Number:

S2 40 80 025 VX SS 006

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:

6 standard

Rod Diameter:

24 mm

Weight Estimate:

10.6 lbs

4.8 kg

DIMENSIONAL VALUES

Section Length (L):

39.6 in

1,006 mm

Rubber Length (X):

25 in

635 mm

Standard Shed Height (P):

2.1 in

54 mm

Shed Spacing (S):

9.01 in

229 mm

Dry Arc Distance:

28.7 in

729 mm

Leakage Distance:

47 in

1,194 mm

ELECTRICAL VALUES

60 Hz Dry Flashover:

288 kV

Min. Withstand:

268 kV

60 Hz Wet Flashover:

260 kV

Min. Withstand:

226 kV

Pos. Critical Impulse Flashover:

500 kV

Min. Withstand:

430 kV

Neg. Critical Impulse Flashover:

535 kV

Min. Withstand:

461 kV

MECHANICAL VALUES

Specified Mech. Load (SML):

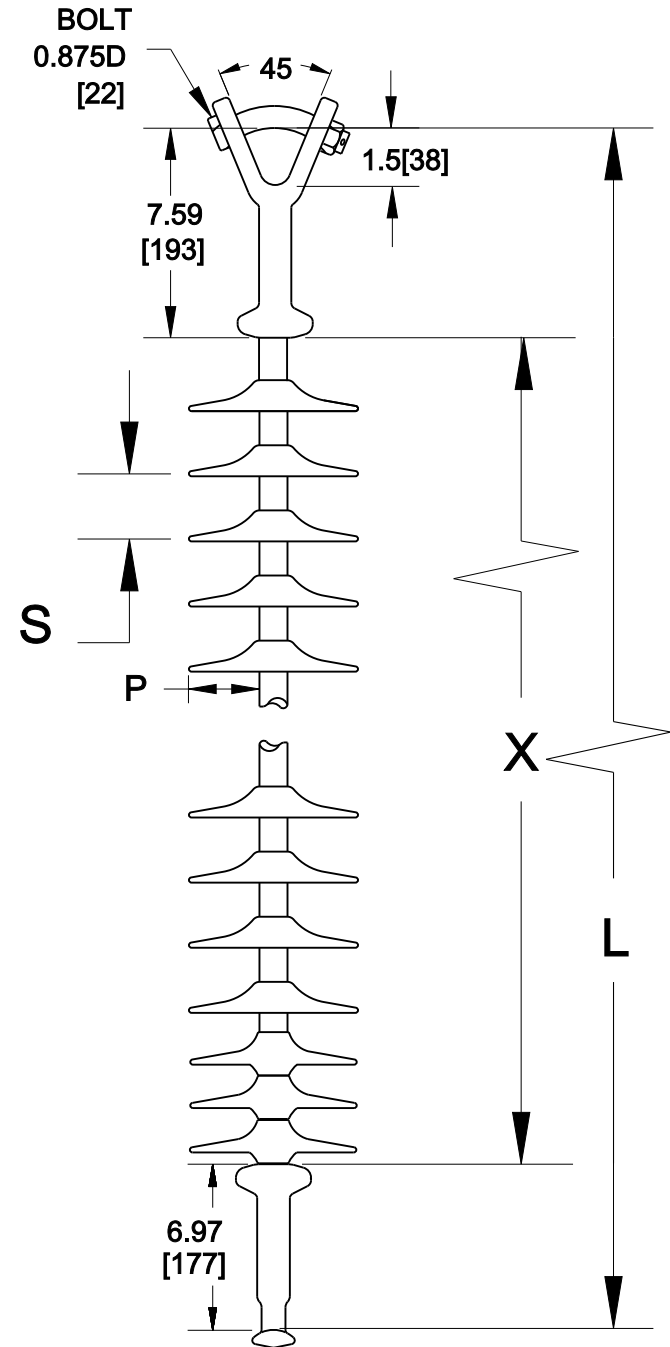
50,000 lbs

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.