

MPS Catalog Number:

S2 40 80 031 VX SS 015

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:

15 standard

Rod Diameter:

24 mm

Weight Estimate:

13.8 lbs

6.3 kg

DIMENSIONAL VALUES

Section Length (L):

45.6 in

1,158 mm

Rubber Length (X):

31 in

787 mm

Standard Shed Height (P):

2.1 in

54 mm

Shed Spacing (S):

2.18 in

55 mm

Dry Arc Distance:

34.7 in

881 mm

Leakage Distance:

87.9 in

2,233 mm

ELECTRICAL VALUES

60 Hz Dry Flashover:

345 kV

Min. Withstand:

321 kV

60 Hz Wet Flashover:

311 kV

Min. Withstand:

271 kV

Pos. Critical Impulse Flashover:

597 kV

Min. Withstand:

514 kV

Neg. Critical Impulse Flashover:

637 kV

Min. Withstand:

545 kV

MECHANICAL VALUES

Specified Mech. Load (SML):

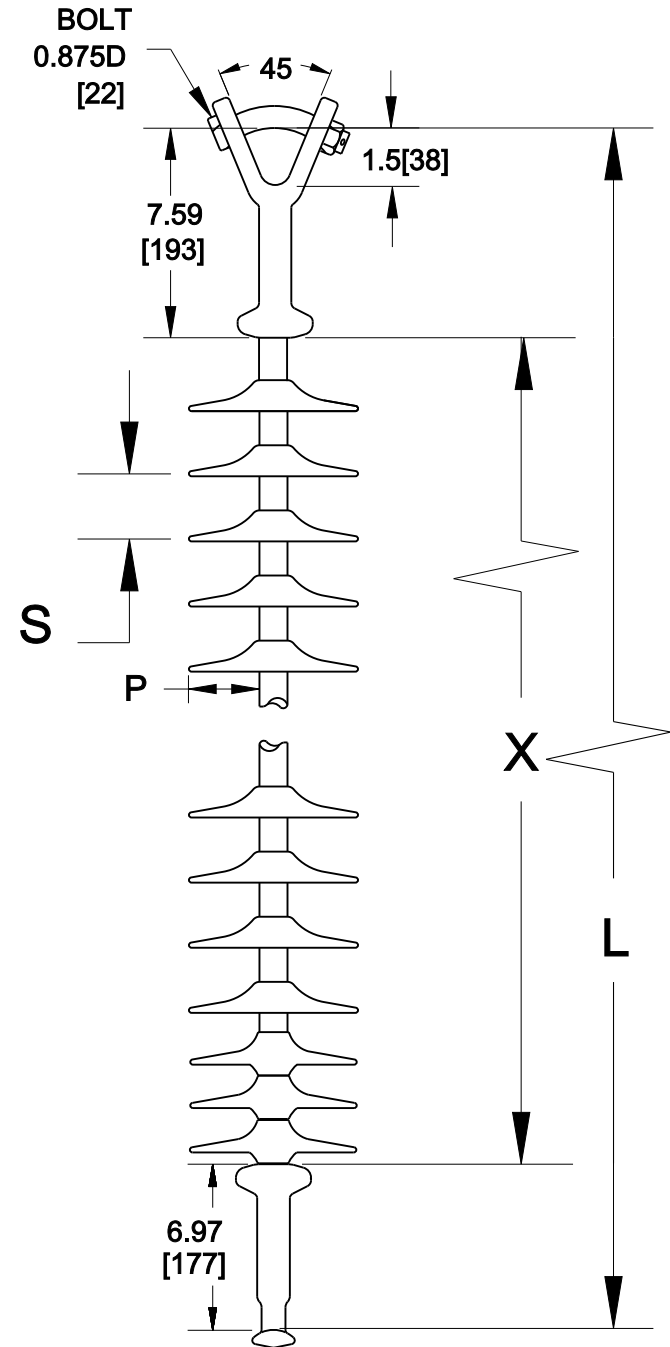
50,000 lbs

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.