

MPS Catalog Number:

S2 40 80 055 VX SS 025

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:

25 standard

Rod Diameter:

24 mm

Weight Estimate:

18.7 lbs

8.5 kg

DIMENSIONAL VALUES

Section Length (L):

69.6 in 1,768 mm

Rubber Length (X):

55 in 1,397 mm

Standard Shed Height (P):

2.1 in 54 mm

Shed Spacing (S):

2.29 in 58 mm

Dry Arc Distance:

58.7 in 1,491 mm

Leakage Distance:

150.7 in 3,828 mm

ELECTRICAL VALUES

60 Hz Dry Flashover:

573 kV Min. Withstand: 526 kV

60 Hz Wet Flashover:

506 kV Min. Withstand: 440 kV

Pos. Critical Impulse Flashover:

972 kV Min. Withstand: 852 kV

Neg. Critical Impulse Flashover:

1,025 kV Min. Withstand: 882 kV

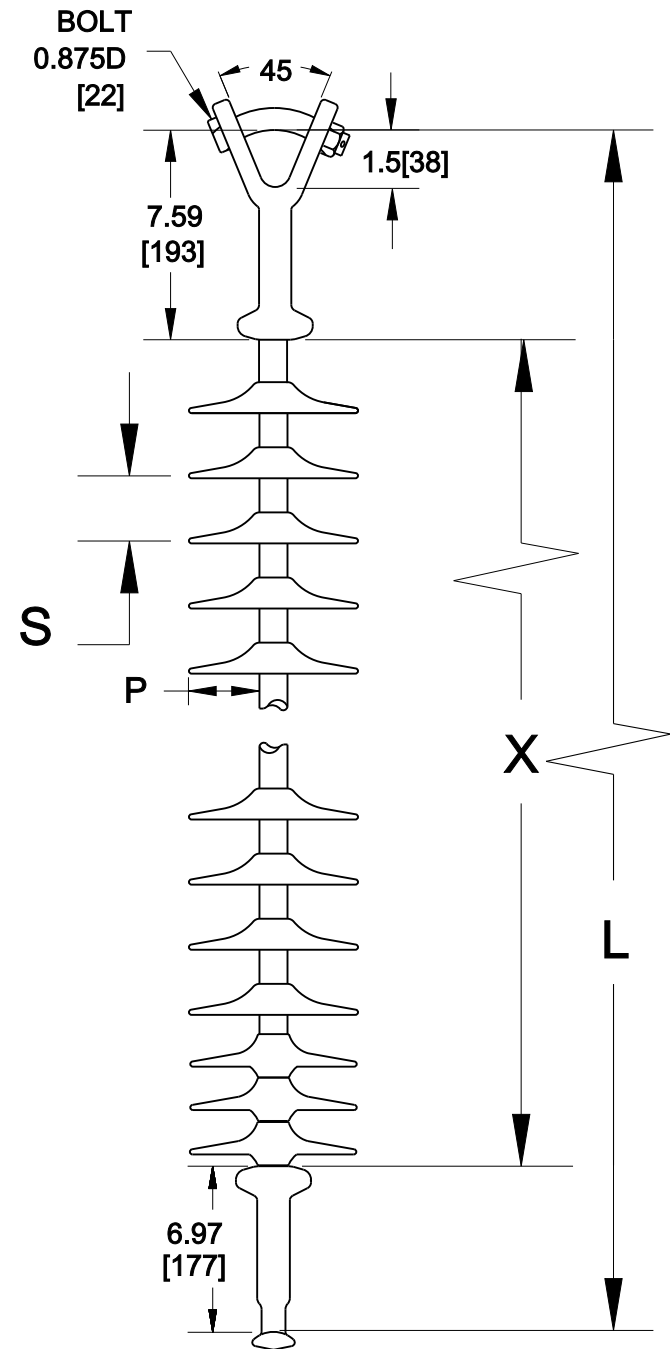
MECHANICAL VALUES

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.