

MPS Catalog Number:

S5 40 80 025 VX SS 009

Date:

09/05/2013

END FITTINGS

Tower End Fitting:

Y-Clevis

Line End Fitting:

Ball (ANSI 52-5)

MATERIAL

Corona Ring (Tower):

None

Corona Ring (Line):

None

Corona Rings are recommended for applications of 230 kV and above

Number of Sheds:

9 standard

Rod Diameter:

16 mm

Weight Estimate:

12.4 lbs

5.6 kg

DIMENSIONAL VALUES

Section Length (L):

36.2 in

919 mm

Rubber Length (X):

25 in

624 mm

Standard Shed Height (P):

2.1 in

54 mm

Shed Spacing (S):

3.52 in

89 mm

Dry Arc Distance:

28.2 in

716 mm

Leakage Distance:

58.2 in

1,478 mm

ELECTRICAL VALUES

60 Hz Dry Flashover:

283 kV

Min. Withstand:

264 kV

60 Hz Wet Flashover:

255 kV

Min. Withstand:

222 kV

Pos. Critical Impulse Flashover:

491 kV

Min. Withstand:

423 kV

Neg. Critical Impulse Flashover:

527 kV

Min. Withstand:

454 kV

MECHANICAL VALUES

Specified Mech. Load (SML):

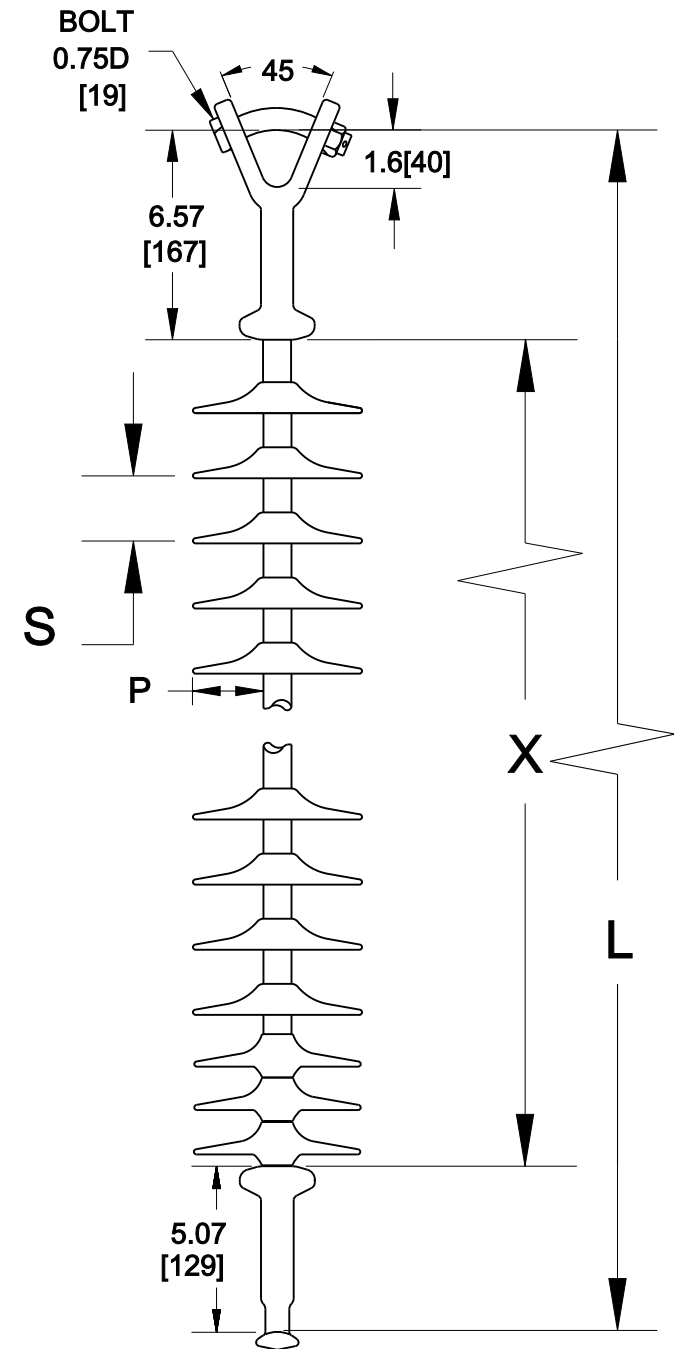
30,000 lbs

133.4 kN

Routine Test Load (RTL):

15,000 lbs

66.7 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.