

MPS Catalog Number:

S6 40 82 025 VX SS 014

Date:

02/27/2014

END FITTINGS

Tower End Fitting:

Y-Clevis

Line End Fitting:

Ball (ANSI 52-8)

MATERIAL

Corona Ring (Tower):

None

Corona Ring (Line):

None

Corona Rings are recommended for applications of 230 kV and above

Number of Sheds:

14 standard

Rod Diameter:

18 mm

Weight Estimate:

9.5 lbs

4.3 kg

DIMENSIONAL VALUES

Section Length (L):

38.4 in

975 mm

Rubber Length (X):

25 in

635 mm

Standard Shed Height (P):

2.2 in

55 mm

Shed Spacing (S):

1.8 in

46 mm

Dry Arc Distance:

28.7 in

729 mm

Leakage Distance:

78.1 in

1,984 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):

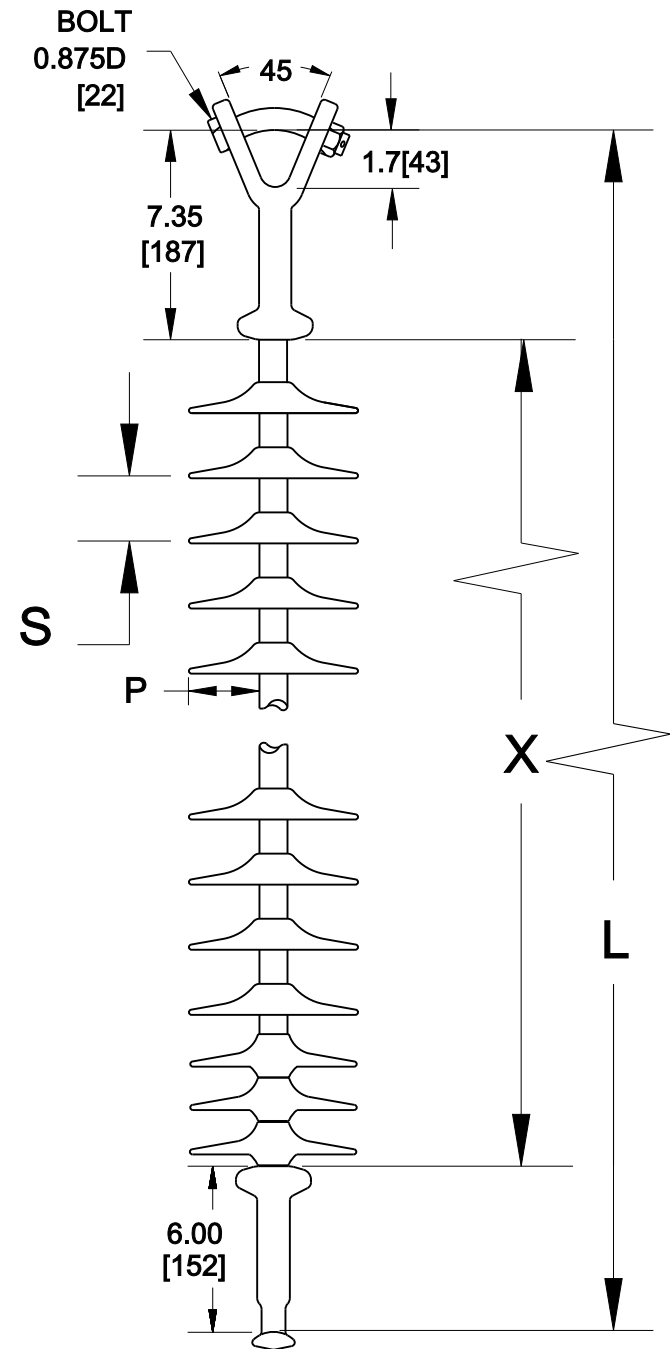
36,000 lbs

160.1 kN

Routine Test Load (RTL):

18,000 lbs

80.1 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.