

MPS Catalog Number:

S6 40 82 040 VX SS 024

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:

24 standard

Rod Diameter:

18 mm

Weight Estimate:

13 lbs

5.9 kg

**DIMENSIONAL VALUES**

Section Length (L):

53.4 in

1,356 mm

Rubber Length (X):

40 in

1,016 mm

Standard Shed Height (P):

2.2 in

55 mm

Shed Spacing (S):

1.65 in

42 mm

Dry Arc Distance:

43.7 in

1,110 mm

Leakage Distance:

131.9 in

3,350 mm

**ELECTRICAL VALUES**

60 Hz Dry Flashover:

430 kV

Min. Withstand:

399 kV

60 Hz Wet Flashover:

386 kV

Min. Withstand:

336 kV

Pos. Critical Impulse Flashover:

740 kV

Min. Withstand:

641 kV

Neg. Critical Impulse Flashover:

786 kV

Min. Withstand:

671 kV

**MECHANICAL VALUES**

Specified Mech. Load (SML):

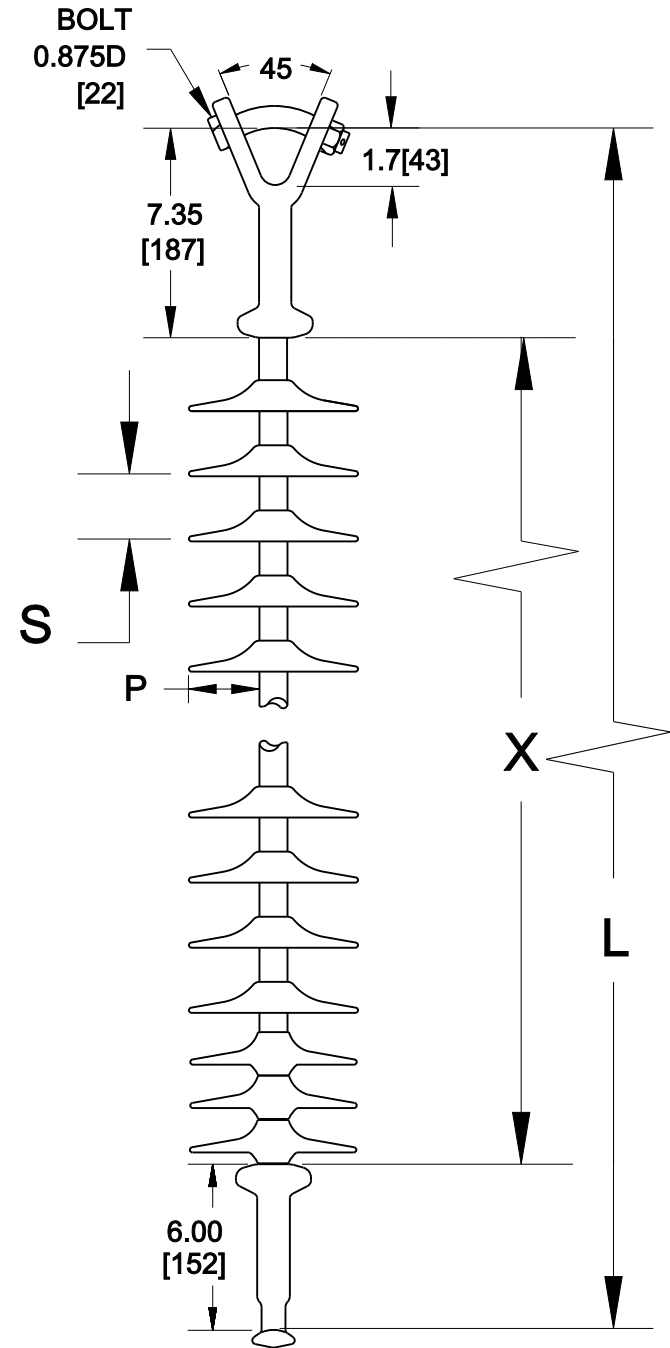
36,000 lbs

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.