

MPS Catalog Number:

S6 40 82 052 VX SS 016

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:

16 standard

Rod Diameter:

18 mm

Weight Estimate:

16.2 lbs

7.3 kg

DIMENSIONAL VALUES

Section Length (L):

65.4 in 1,661 mm

Rubber Length (X):

52 in 1,321 mm

Standard Shed Height (P):

2.2 in 55 mm

Shed Spacing (S):

3.75 in 95 mm

Dry Arc Distance:

55.7 in 1,415 mm

Leakage Distance:

112.8 in 2,865 mm

ELECTRICAL VALUES

60 Hz Dry Flashover:

545 kV Min. Withstand: 501 kV

60 Hz Wet Flashover:

483 kV Min. Withstand: 420 kV

Pos. Critical Impulse Flashover:

926 kV Min. Withstand: 810 kV

Neg. Critical Impulse Flashover:

978 kV Min. Withstand: 840 kV

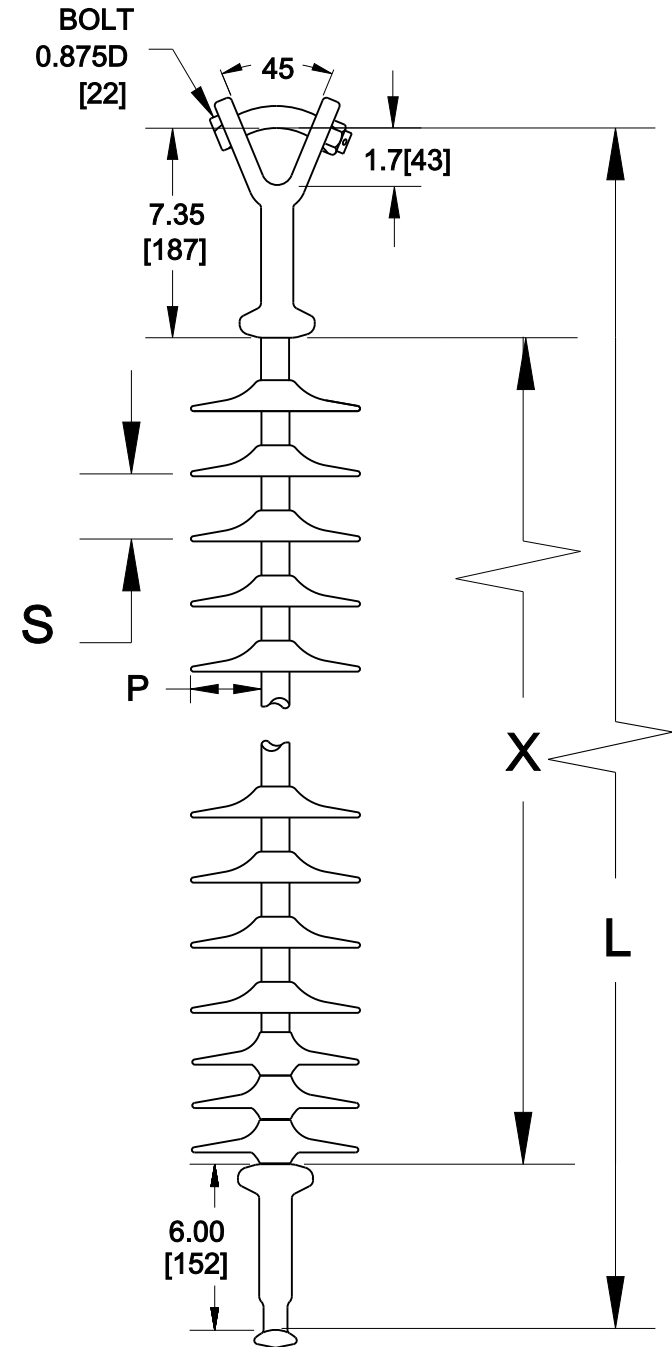
MECHANICAL VALUES

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.