

MPS Catalog Number:

S5 40 80 042 VX SS 024

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:

24 standard

Rod Diameter:

16 mm

Weight Estimate:

16.9 lbs

7.7 kg

DIMENSIONAL VALUES

Section Length (L):

53.2 in 1,351 mm

Rubber Length (X):

42 in 1,056 mm

Standard Shed Height (P):

2.1 in 54 mm

Shed Spacing (S):

1.73 in 44 mm

Dry Arc Distance:

45.2 in 1,148 mm

Leakage Distance:

133.4 in 3,388 mm

ELECTRICAL VALUES

60 Hz Dry Flashover:

445 kV Min. Withstand: 412 kV

60 Hz Wet Flashover:

399 kV Min. Withstand: 347 kV

Pos. Critical Impulse Flashover:

764 kV Min. Withstand: 662 kV

Neg. Critical Impulse Flashover:

810 kV Min. Withstand: 692 kV

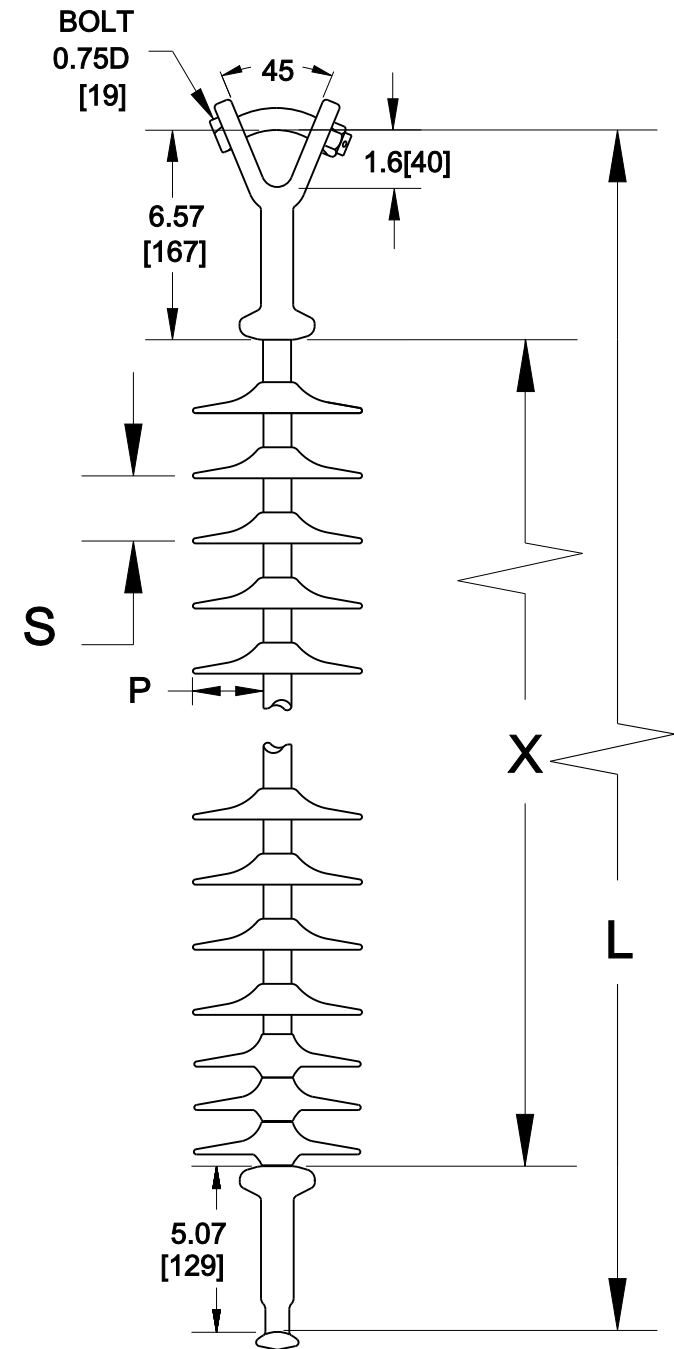
MECHANICAL VALUES

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.