

MPS Catalog Number:

S1 40 80 072 VX SS 047

Date:

09/04/2013

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:

47 standard

Rod Diameter:

16 mm

Weight Estimate:

19.1 lbs

8.7 kg

DIMENSIONAL VALUES

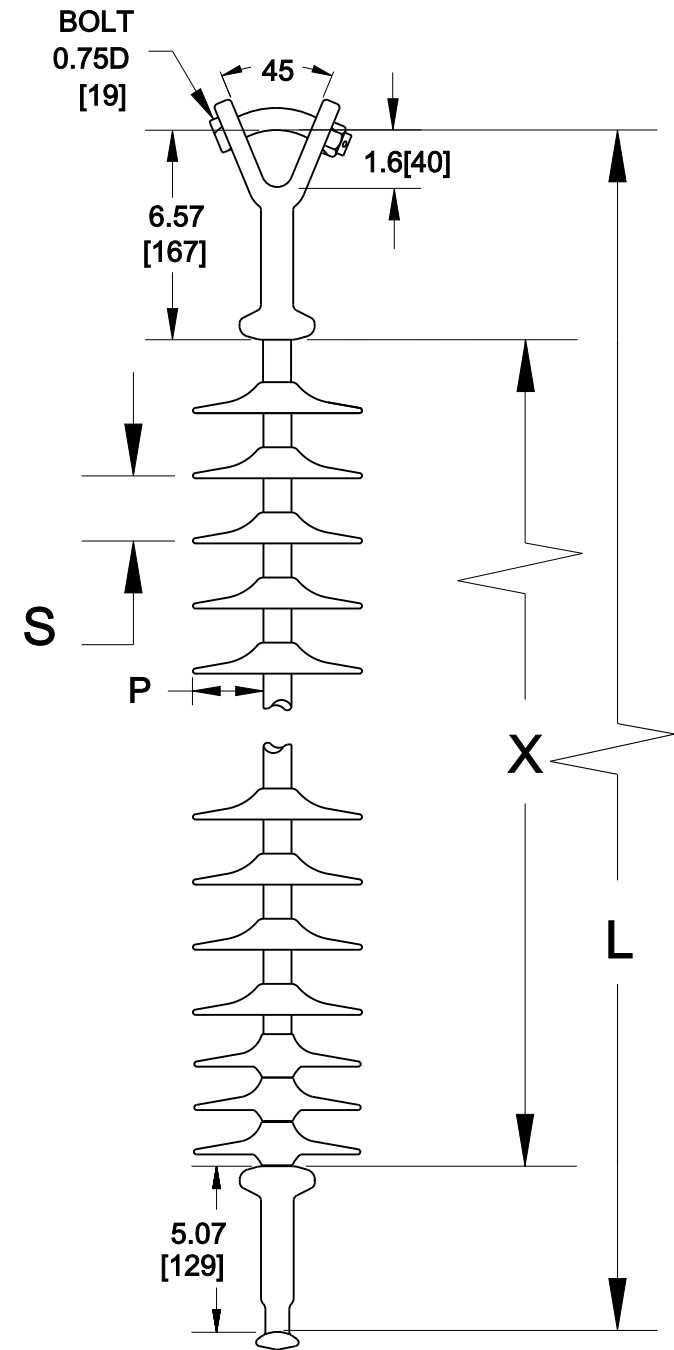
Section Length (L):	83.2 in	2,113 mm
Rubber Length (X):	72 in	1,818 mm
Standard Shed Height (P):	2.1 in	54 mm
Shed Spacing (S):	1.5 in	38 mm
Dry Arc Distance:	75.2 in	1,910 mm
Leakage Distance:	252.7 in	6,419 mm

ELECTRICAL VALUES

60 Hz Dry Flashover:	730 kV	Min. Withstand:	663 kV
60 Hz Wet Flashover:	630 kV	Min. Withstand:	548 kV
Pos. Critical Impulse Flashover:	1,221 kV	Min. Withstand:	1,084 kV
Neg. Critical Impulse Flashover:	1,279 kV	Min. Withstand:	1,113 kV

MECHANICAL VALUES

Specified Mech. Load (SML):	25,000 lbs	111.2 kN
Routine Test Load (RTL):	12,500 lbs	55.6 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.