

MPS Catalog Number:

S5 40 80 078 VA SS 042

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):

8" Corona Ring

Corona Rings are recommended for applications of 230 kV and above

Number of Sheds:

42 standard

Rod Diameter:

16 mm

Weight Estimate:

20.3 lbs

9.2 kg

**DIMENSIONAL VALUES**

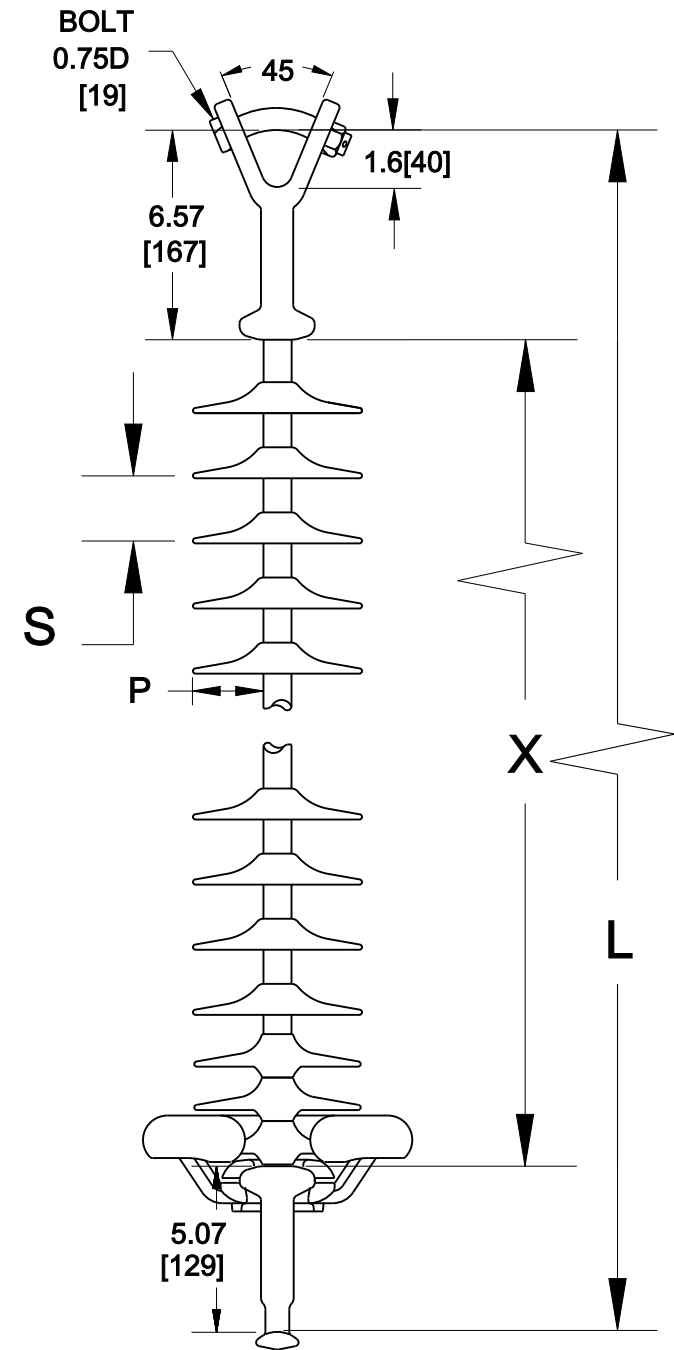
Section Length (L):	89.2 in	2,266 mm
Rubber Length (X):	78 in	1,970 mm
Standard Shed Height (P):	2.1 in	54 mm
Shed Spacing (S):	1.86 in	47 mm
Dry Arc Distance:	77.7 in	1,974 mm
Leakage Distance:	239.3 in	6,078 mm

**ELECTRICAL VALUES**

60 Hz Dry Flashover:	754 kV	Min. Withstand:	683 kV
60 Hz Wet Flashover:	649 kV	Min. Withstand:	564 kV
Pos. Critical Impulse Flashover:	1,258 kV	Min. Withstand:	1,119 kV
Neg. Critical Impulse Flashover:	1,317 kV	Min. Withstand:	1,148 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.