

MPS Catalog Number:

S1 40 80 090 VA SS 039

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):

8" Corona Ring

Corona Rings are recommended for applications of 230 kV and above

Number of Sheds:

39 standard

Rod Diameter:

16 mm

Weight Estimate:

20 lbs

9.1 kg

**DIMENSIONAL VALUES**

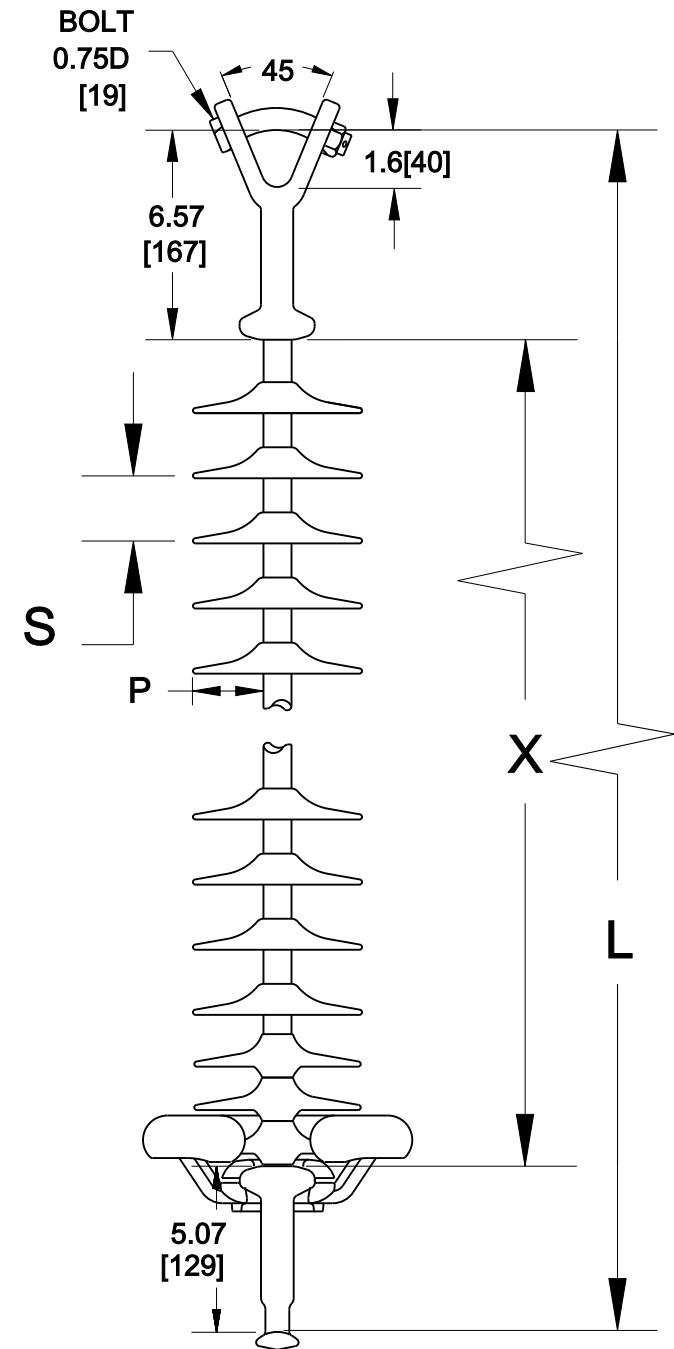
Section Length (L):	101.2 in	2,570 mm
Rubber Length (X):	90 in	2,275 mm
Standard Shed Height (P):	2.1 in	54 mm
Shed Spacing (S):	2.36 in	60 mm
Dry Arc Distance:	89.7 in	2,278 mm
Leakage Distance:	239.6 in	6,086 mm

**ELECTRICAL VALUES**

60 Hz Dry Flashover:	869 kV	Min. Withstand:	779 kV
60 Hz Wet Flashover:	733 kV	Min. Withstand:	638 kV
Pos. Critical Impulse Flashover:	1,435 kV	Min. Withstand:	1,288 kV
Neg. Critical Impulse Flashover:	1,497 kV	Min. Withstand:	1,317 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.