

MPS Catalog Number:

S5 40 80 120 VB SS 029

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):

12" Corona Ring

Corona Rings are recommended for applications of 230 kV and above

Number of Sheds:

29 standard

Rod Diameter:

16 mm

Weight Estimate:

21.3 lbs

9.7 kg

**DIMENSIONAL VALUES**

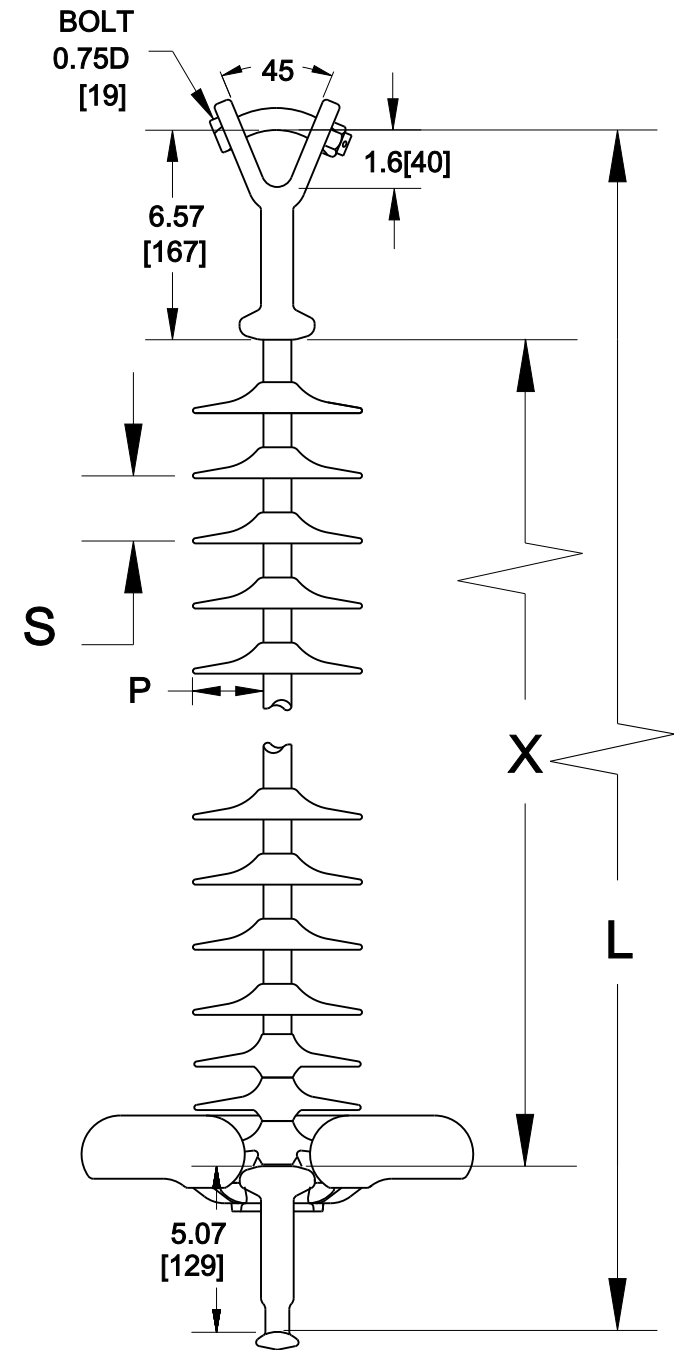
Section Length (L):	131.2 in	3,332 mm
Rubber Length (X):	120 in	3,037 mm
Standard Shed Height (P):	2.1 in	54 mm
Shed Spacing (S):	4.5 in	114 mm
Dry Arc Distance:	119.7 in	3,040 mm
Leakage Distance:	230.8 in	5,862 mm

**ELECTRICAL VALUES**

60 Hz Dry Flashover:	1,111 kV	Min. Withstand:	1,011 kV
60 Hz Wet Flashover:	963 kV	Min. Withstand:	799 kV
Pos. Critical Impulse Flashover:	1,870 kV	Min. Withstand:	1,678 kV
Neg. Critical Impulse Flashover:	1,938 kV	Min. Withstand:	1,741 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.