

MPS Catalog Number:

S5 40 80 054 VX SS 027

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:

27 standard

Rod Diameter:

16 mm

Weight Estimate:

18.2 lbs

8.3 kg

DIMENSIONAL VALUES

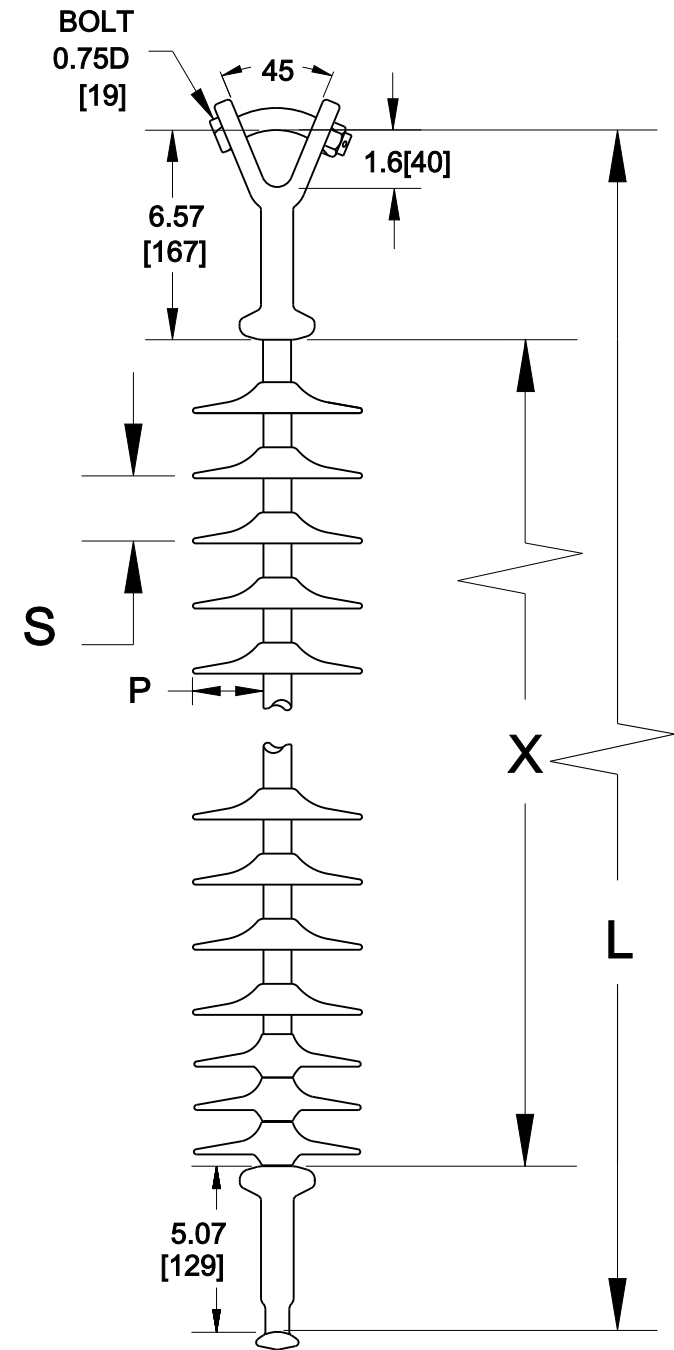
Section Length (L):	65.2 in	1,656 mm
Rubber Length (X):	54 in	1,360 mm
Standard Shed Height (P):	2.1 in	54 mm
Shed Spacing (S):	2.03 in	52 mm
Dry Arc Distance:	57.2 in	1,453 mm
Leakage Distance:	157.1 in	3,990 mm

ELECTRICAL VALUES

60 Hz Dry Flashover:	559 kV	Min. Withstand:	514 kV
60 Hz Wet Flashover:	495 kV	Min. Withstand:	430 kV
Pos. Critical Impulse Flashover:	949 kV	Min. Withstand:	831 kV
Neg. Critical Impulse Flashover:	1,001 kV	Min. Withstand:	861 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.