

MPS Catalog Number:

**S5 40 80 090 VA SS 037**

Date:

05/18/2021

**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:

37 Standard

Rod Diameter:

16 mm

Weight Estimate:

19.4 lbs

9 kg

**Dimensional Values**

Section Length (L):

101.6 in 2,581 mm

Rubber Length (X):

90 in 2,286 mm

Standard Shed Height (P):

2.1 in 54 mm

Shed Spacing (S):

2.52 in 64 mm

Dry Arc Distance:

90 in 2,286 mm

Leakage Distance:

232.3 in 5,900 mm

**Electrical Values**

60 Hz dry Flashover (Min. Withstand):

871 kV 782 kV

60 Hz Wet Flashover (Min. Withstand):

777 kV 639 kV

CIFO Positive (Min. Withstand):

1439 kV 1292 kV

CIFO Negative (Min. Withstand):

1501 kV 1355 kV

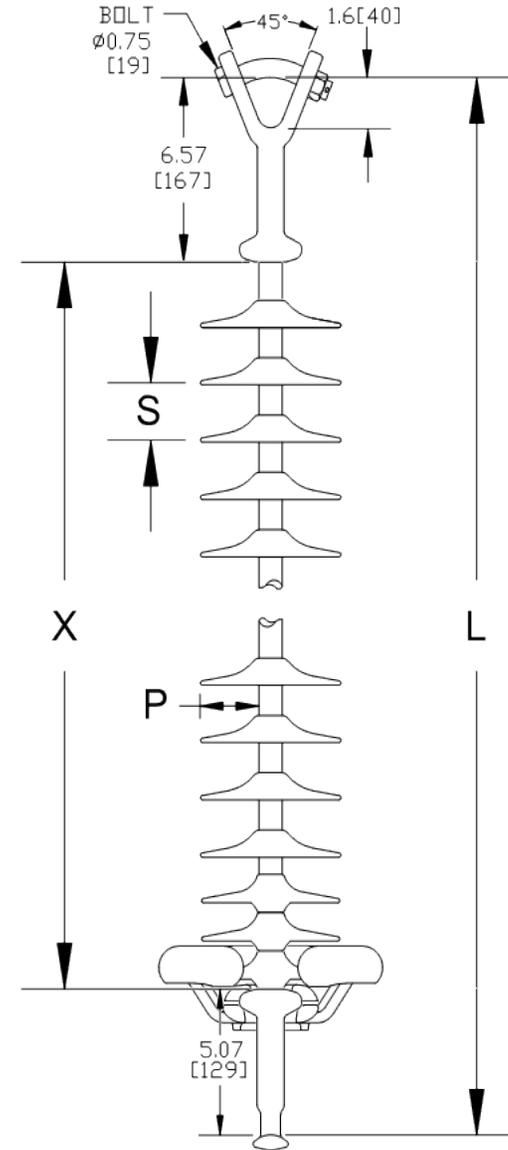
**Mechanical Values**

Specified Mech. Load (SML):

30,000 lbs 133.4 kN

Routine Test Load (RTL):

15,000 lbs 66.7 kN



Dimension: inches [millimeters]

NOTE: Drawing not actual depiction of insulator appearance.

Silicone rubber sheath and sheds complies with applicable ANSI and IEC standards.

Notes:

Prepared By: Laurel Wallace