

MPS Catalog Number:

**S5 40 80 030 VX SS 013**

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):

None

Corona Rings are recommended for applications of 230 kV and above

Number of Sheds:

13 Standard

Rod Diameter:

16 mm

Weight Estimate:

8.6 lbs      4 kg

**Dimensional Values**

Section Length (L):

41.6 in      1,057 mm

Rubber Length (X):

30 in      762 mm

Standard Shed Height (P):

2.1 in      54 mm

Shed Spacing (S):

2.57 in      65 mm

Dry Arc Distance:

33.4 in      848 mm

Leakage Distance:

79.2 in      2,012 mm

**Electricals Values**

60 Hz dry Flashover (Min. Withstand):

332 kV      309 kV

60 Hz Wet Flashover (Min. Withstand):

300 kV      261 kV

CIFO Positive (Min. Withstand):

576 kV      496 kV

CIFO Negative (Min. Withstand):

615 kV      539 kV

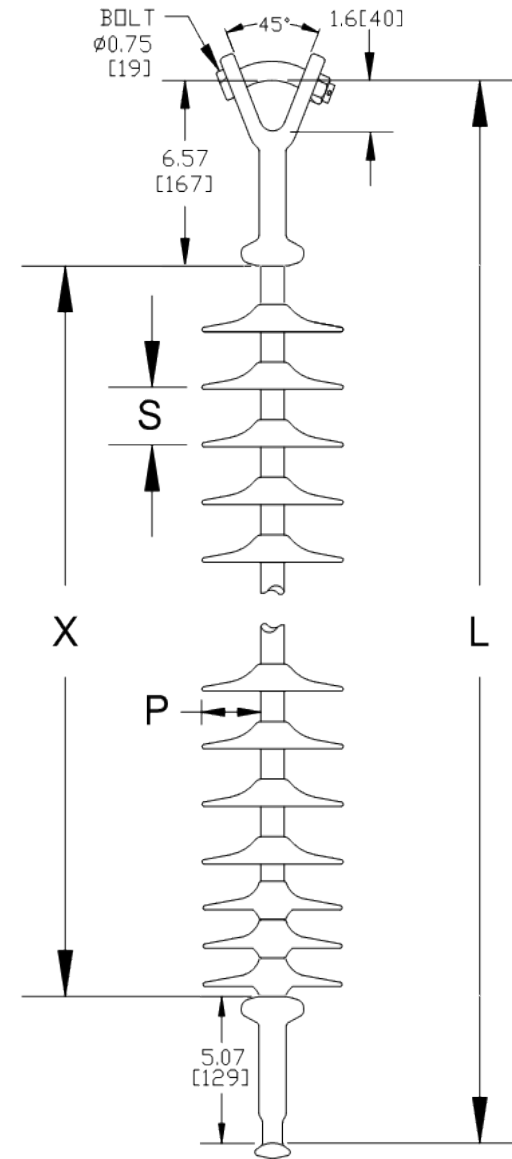
**Mechanical Values**

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