

MPS Catalog Number:

**S6 40 80 090 VA SS 053**

Date:

05/11/2021

**End Fittings**

Tower End Fitting:

Y-Clevis

Line End Fitting:

Ball (IEC 20)

**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:

53 Standard

Rod Diameter:

18 mm

Weight Estimate:

25.1 lbs

11 kg

**Dimensional Values**

Section Length (L):

103.4 in 2,626 mm

Rubber Length (X):

90 in 2,286 mm

Standard Shed Height (P):

2.2 in 55 mm

Shed Spacing (S):

1.7 in 43 mm

Dry Arc Distance:

90.1 in 2,289 mm

Leakage Distance:

294.4 in 7,478 mm

**Electrical Values**

60 Hz dry Flashover (Min. Withstand):

872 kV 783 kV

60 Hz Wet Flashover (Min. Withstand):

777 kV 640 kV

CIFO Positive (Min. Withstand):

1441 kV 1294 kV

CIFO Negative (Min. Withstand):

1503 kV 1356 kV

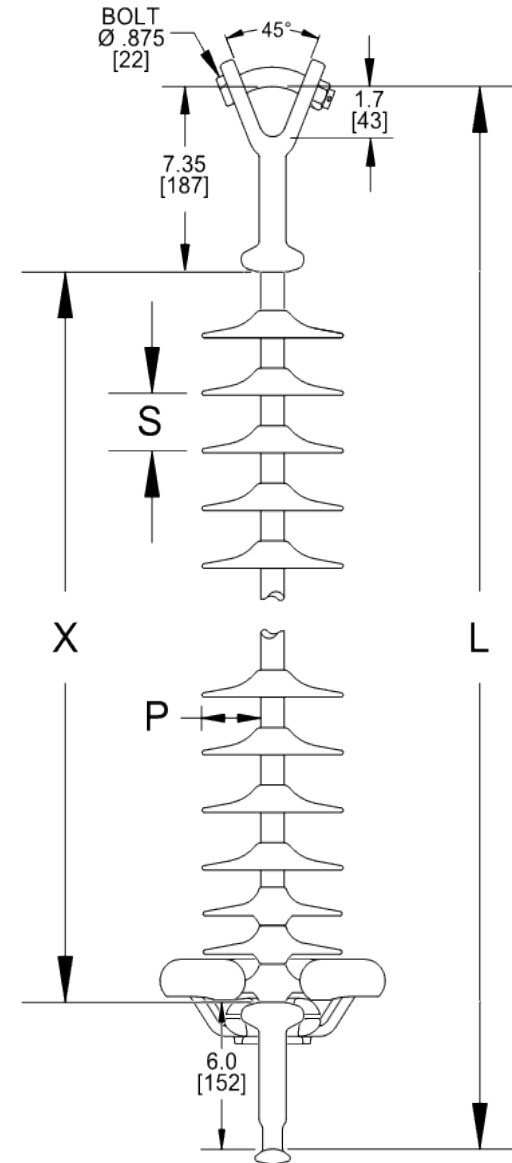
**Mechanical Values**

Specified Mech. Load (SML):

36,000 lbs 160.1 kN

Routine Test Load (RTL):

18,000 lbs 80.1 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