

MPS Catalog Number:

**S2 40 80 030 VX SS 018**

Date:

05/05/2021

**End Fittings**

Tower End Fitting:

Y-Clevis

Line End Fitting:

Ball (ANSI 52-8/11)

**Material**

Corona Ring (Tower):

None

Corona Ring (Line):

None

Corona Rings are recommended for applications of 230 kV and above

Number of Sheds:

18 Standard

Rod Diameter:

24 mm

Weight Estimate:

14.5 lbs

7 kg

**Dimensional Values**

Section Length (L):

44.6 in 1,133 mm

Rubber Length (X):

30 in 762 mm

Standard Shed Height (P):

2.1 in 54 mm

Shed Spacing (S):

1.65 in 42 mm

Dry Arc Distance:

33.4 in 848 mm

Leakage Distance:

98.6 in 2,504 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

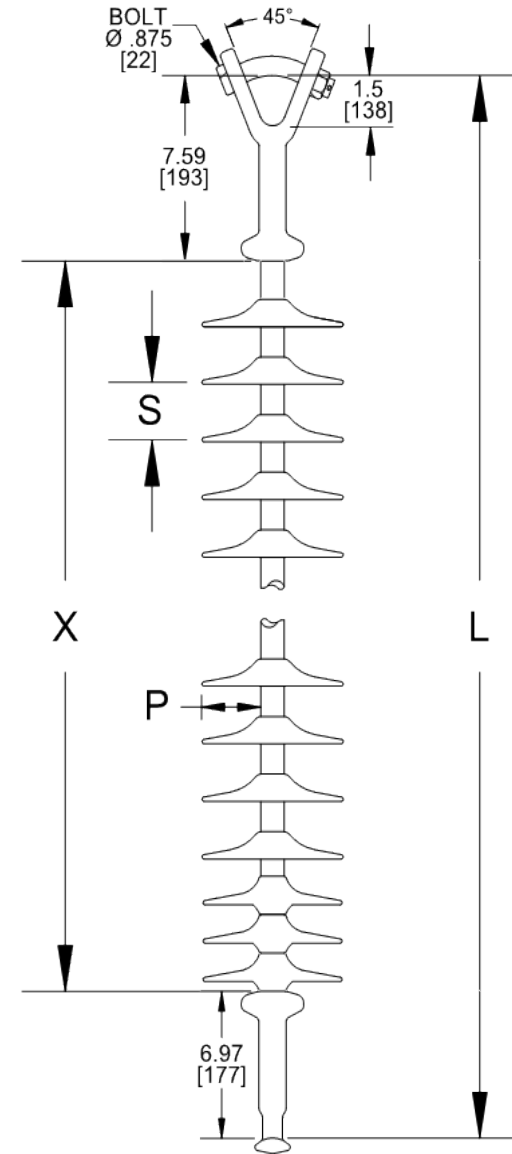
**Mechanical Values**

Specified Mech. Load (SML):

50,000 lbs 222.4 kN

Routine Test Load (RTL):

25,000 lbs 111.2 kN



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Dimension: inches [millimeters]

NOTE: Drawing not actual depiction of insulator appearance.

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

Notes:

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