

MPS Catalog Number:

**S2 40 80 042 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:

15.3 lbs

7 kg

**Dimensional Values**

Section Length (L):

56.6 in 1,438 mm

Rubber Length (X):

42 in 1,067 mm

Standard Shed Height (P):

2.1 in 54 mm

Shed Spacing (S):

2.51 in 64 mm

Dry Arc Distance:

45.4 in 1,153 mm

Leakage Distance:

110.6 in 2,809 mm

**Electricals Values**

60 Hz dry Flashover (Min. Withstand):

447 kV 413 kV

60 Hz Wet Flashover (Min. Withstand):

400 kV 348 kV

CIFO Positive (Min. Withstand):

767 kV 665 kV

CIFO Negative (Min. Withstand):

813 kV 712 kV

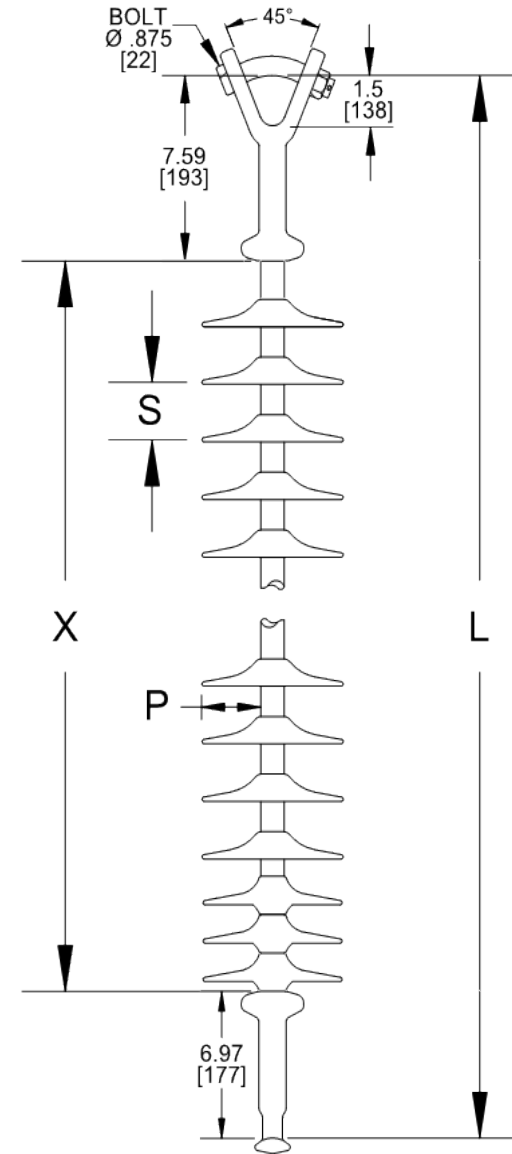
**Mechanical Values**

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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