

MPS Catalog Number:  
Date:

**S2 40 80 054 VX SS 023**  
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:

23 Standard

Rod Diameter:

24 mm

Weight Estimate:

17.7 lbs      8 kg

**Dimensional Values**

Section Length (L):

68.6 in      1,742 mm

Rubber Length (X):

54 in      1,372 mm

Standard Shed Height (P):

2.1 in      54 mm

Shed Spacing (S):

2.48 in      63 mm

Dry Arc Distance:

57.4 in      1,458 mm

Leakage Distance:

142 in      3,607 mm

**Electricals Values**

60 Hz dry Flashover (Min. Withstand):

561 kV      515 kV

60 Hz Wet Flashover (Min. Withstand):

496 kV      432 kV

CIFO Positive (Min. Withstand):

952 kV      834 kV

CIFO Negative (Min. Withstand):

1005 kV      885 kV

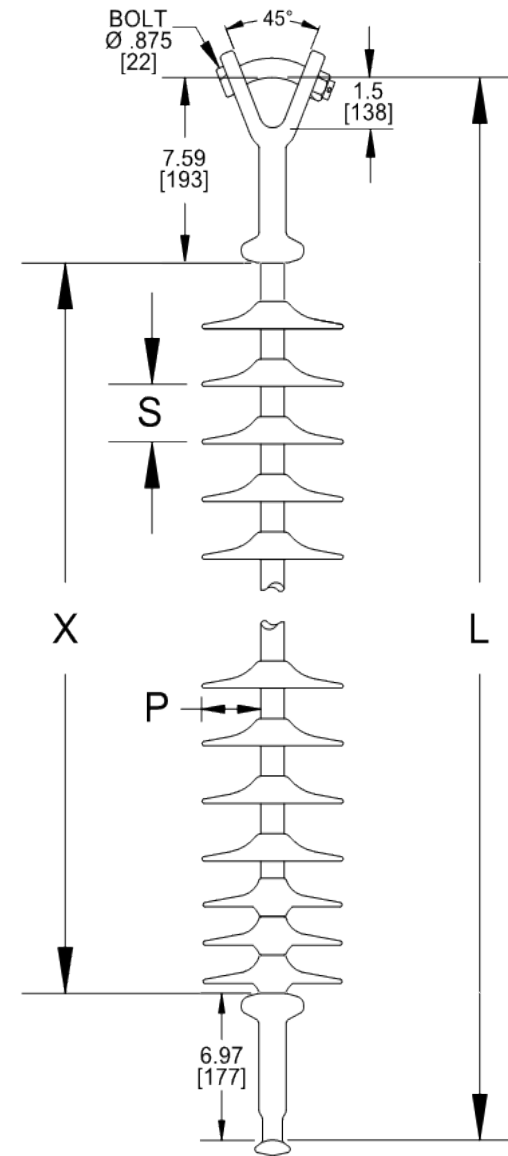
**Mechanical Values**

Specified Mech. Load (SML):

50,000 lbs      222.4 kN

Routine Test Load (RTL):

25,000 lbs      111.2 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:

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