

MPS Catalog Number:

S6 40 80 042 VX SS 018

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):

None

Corona Rings are recommended for applications of 230 kV and above

Number of Sheds:

18 Standard

Rod Diameter:

18 mm

Weight Estimate:

11.2 lbs

5 kg

Dimensional Values

Section Length (L):

55.4 in 1,407 mm

Rubber Length (X):

42 in 1,067 mm

Standard Shed Height (P):

2.2 in 55 mm

Shed Spacing (S):

2.51 in 64 mm

Dry Arc Distance:

45.5 in 1,156 mm

Leakage Distance:

110.6 in 2,809 mm

Electrical Values

60 Hz dry Flashover (Min. Withstand):

448 kV 414 kV

60 Hz Wet Flashover (Min. Withstand):

401 kV 349 kV

CIFO Positive (Min. Withstand):

768 kV 666 kV

CIFO Negative (Min. Withstand):

815 kV 714 kV

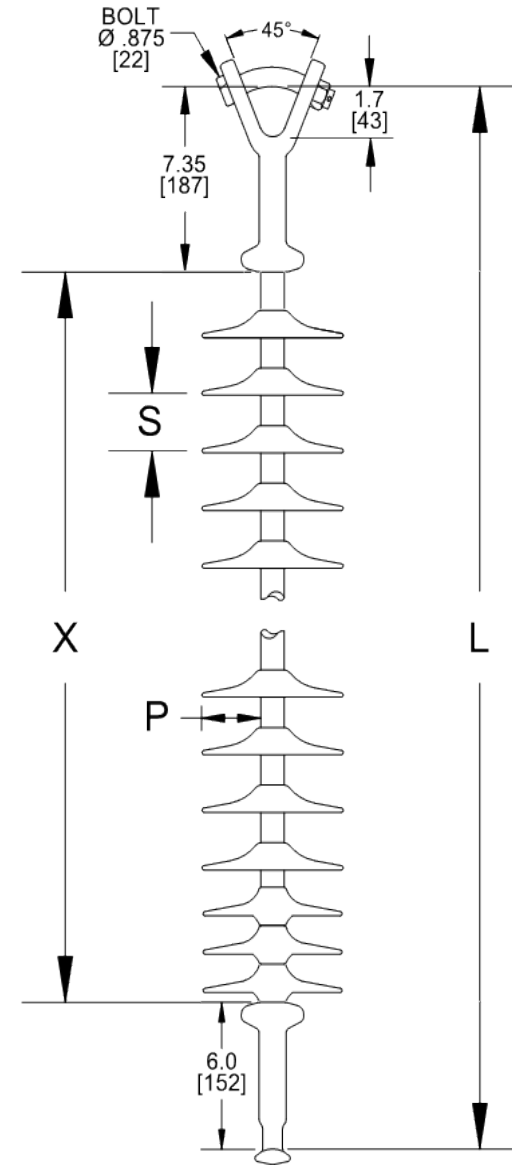
Mechanical Values

Specified Mech. Load (SML):

36,000 lbs 160.1 kN

Routine Test Load (RTL):

18,000 lbs 80.1 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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