

MPS Catalog Number:

S1 40 80 032 MX SS 016

Date:

11/07/2023

End Fittings

Tower End Fitting:

Y-Clevis

Line End Fitting:

Ball (ANSI 52-5)

Material

Corona Ring (Tower):

None

Corona Ring (Line):

None

Corona Rings are recommended for applications of 230 kV and above

Number of Sheds:

16 Standard

Rod Diameter:

16 mm

Dimensional Values

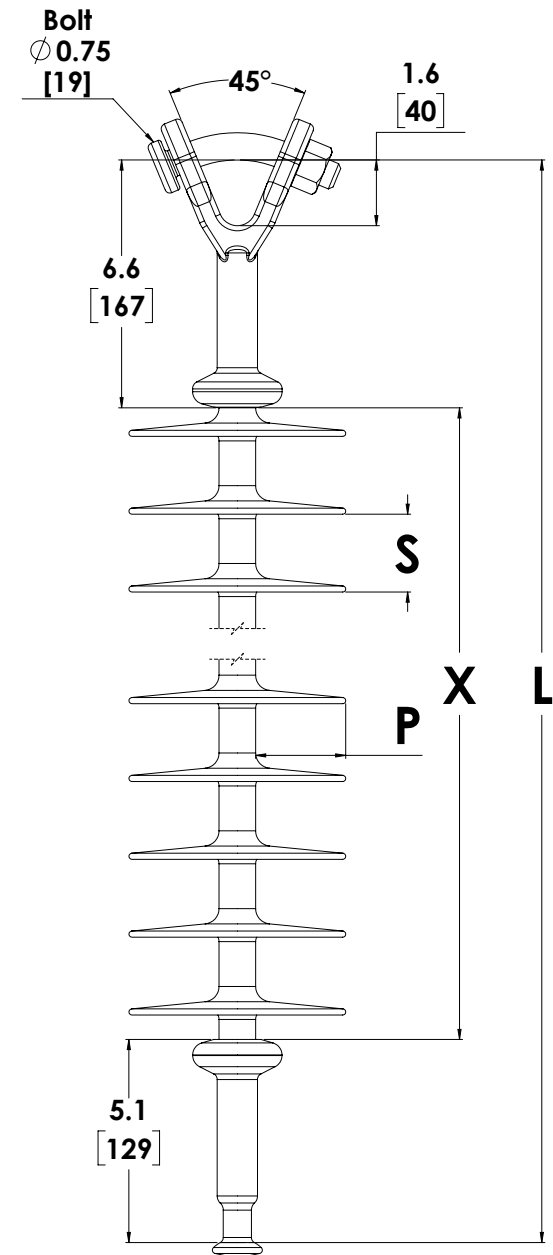
| | | |
|---------------------------|----------|----------|
| Section Length (L): | 43.9 in | 1,115 mm |
| Rubber Length (X): | 32.3 in | 820 mm |
| Standard Shed Height (P): | 2.32 in | 59 mm |
| Shed Spacing (S): | 2 in | 51 mm |
| Dry Arc Distance: | 34.7 in | 881 mm |
| Leakage Distance: | 100.3 in | 2,548 mm |

Electricals Values

| | | |
|---------------------------------------|--------|----------|
| 60 Hz dry Flashover (Min. Withstand): | 345 kV | (321) kV |
| 60 Hz Wet Flashover (Min. Withstand): | 311 kV | (271) kV |
| CIFO Positive (Min. Withstand): | 597 kV | (514) kV |
| CIFO Negative (Min. Withstand): | 637 kV | (558) kV |

Mechanical Values

| | | |
|-----------------------------|------------|----------|
| Specified Mech. Load (SML): | 25,000 lbs | 111.2 kN |
| Routine Test Load (RTL): | 12,500 lbs | 55.6 kN |



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Dimension: inches [millimeters]

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

NOTE: Drawing not actual depiction of insulator appearance.

Notes:

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