



MacLean Power Systems  
 7801 Park Place Rd., York, SC 29745  
 USA (803) 628-2100

MPS Catalog Number

**H0 40 20 008 MX SS 004**

Revision: B

Date 3/3/2021

**End Fittings**

Tower End Fitting: 3/4"-10 Round Base (Galv. Duct. Iron)

Line End Fitting: Trunnion (Aluminum)

**Material**

Number of Sheds: 4  
 Rod Diameter: 1-1/2"  
 Weight Estimate: 7.6 lbs 3.5 kg

**Dimensional Values**

Section Length (L): 16.0 in 406 mm  
 Rubber Length (X): 7.9 in 201 mm  
 Shed Height (P): 2.3 in 58 mm  
 Shed Diameter (B): 6.5 in 165 mm  
 Shed Spacing (S): 2.0 in 51 mm  
 Dry Arc Distance: 10.2 in 259 mm  
 Leakage Distance: 24.4 in 620 mm

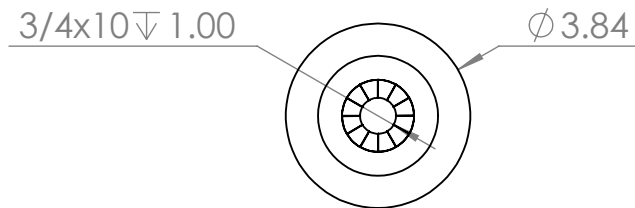
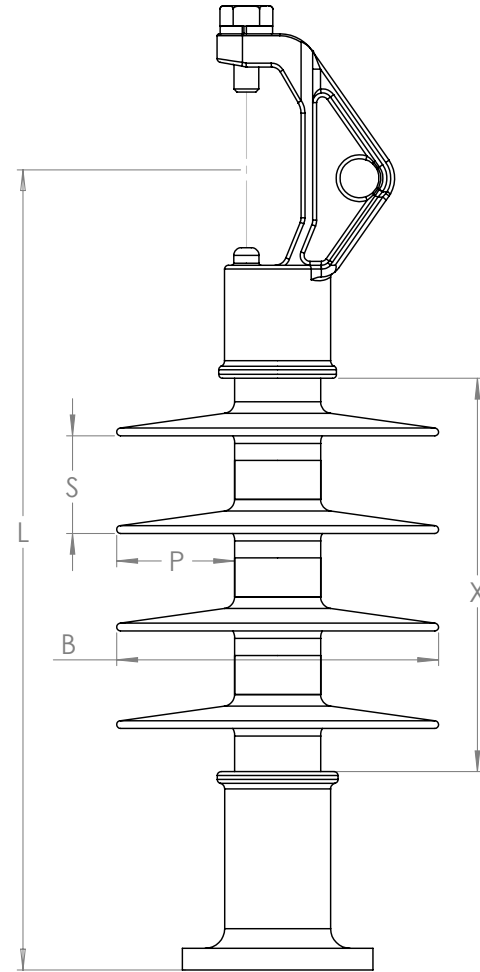
**Electricals Values**

60 Hz dry Flashover: 135 kV Min. Withstand 107 kV  
 60 Hz Wet Flashover: 96 kV Min. Withstand 69 kV  
 Positive CIFO: 198 kV Min. Withstand 166 kV  
 Negative CIFO: 228 kV Min. Withstand 197 kV

**Mechanical Values**

Max. Design Cant. Load (MDCL): 1,350 lbs 6.0 kN  
 Specified Cant. Load (SCL): 2,800 lbs 12.5 kN  
 Specified Tensile Load (STL): 5,000 lbs 22.2 kN

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Dimension: inches [millimeters]

Insulator assembly complies with ANSI C.29.18 and CSA C411.6 Standards

NOTE: Drawing not actual depiction of insulator appearance