



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

MPS Catalog Number

H0 40 70 006 MX SS 003

Revision: A

Date 11/4/2020

End Fittings

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

Line End Fitting: F-Neck (Aluminum)

Material

Number of Sheds: 3
 Rod Diameter: 1-1/2"
 Weight Estimate: 7.6 lbs 3.4 kg

Dimensional Values

Section Length (L): 13.7 in 348 mm
 Rubber Length (X): 5.9 in 150 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: 8.2 in 208 mm
 Leakage Distance: 18.3 in 465 mm

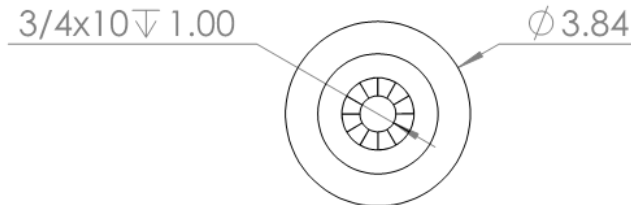
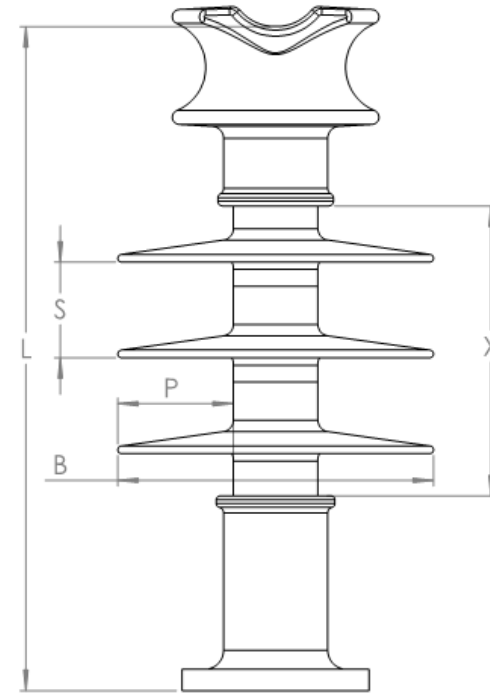
Electricals Values

60 Hz dry Flashover: 112 kV Min. Withstand 91 kV
 60 Hz Wet Flashover: 84 kV Min. Withstand 55 kV
 Positive CIFO: 170 kV Min. Withstand 138 kV
 Negative CIFO: 209 kV Min. Withstand 169 kV

Mechanical Values

Max. Design Cant. Load (MDCL): 1,350 lbs 6.01 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