



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

MPS Catalog Number

H0 40 20 004 MX SS 002

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: 2
 Rod Diameter: 1-1/2"
 Weight Estimate: 6.3 lbs 2.9 kg

Dimensional Values

Section Length (L): 12.0 in 306 mm
 Rubber Length (X): 4.0 in 101 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: 6.2 in 158 mm
 Leakage Distance: 12.2 in 310 mm

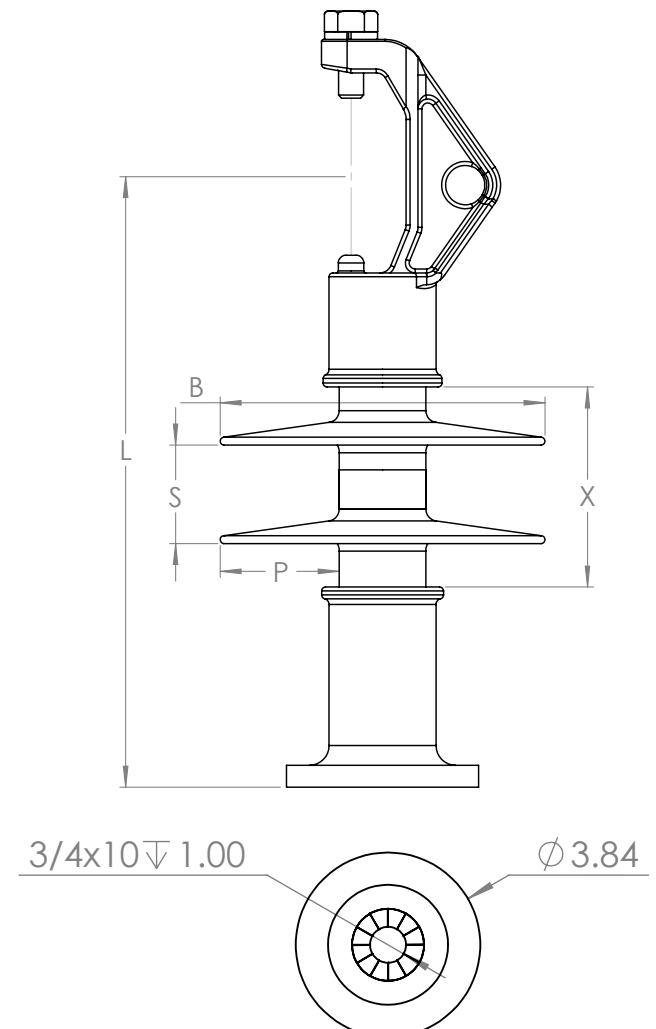
Electricals Values

60 Hz dry Flashover:	88 kV	Min. Withstand	73 kV
60 Hz Wet Flashover:	59 kV	Min. Withstand	41 kV
Positive CIFO:	136 kV	Min. Withstand	108 kV
Negative CIFO:	163 kV	Min. Withstand	139 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]
 NOTE: Drawing not actual depiction of insulator appearance
 Insulator assembly complies with ANSI C.29.18 and CSA C411.6 Standards