



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

MPS Catalog Number
 Date 2/22/2021
 Revision: E

HO 40 U0 004 MX SS 002

15kV Universal Trunnion Head Composite Line Post
 Insulator

End Fittings

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

Line End Fitting: Universal Trunnion (Aluminum)
 Conductor Range: 0.20" - 1.34" (5.1mm - 34.0mm)

Material

Number of Sheds: 2
 Rod Diameter: 1-1/2"
 Weight Estimate: 7.9 lbs 3.6 kg

Dimensional Values

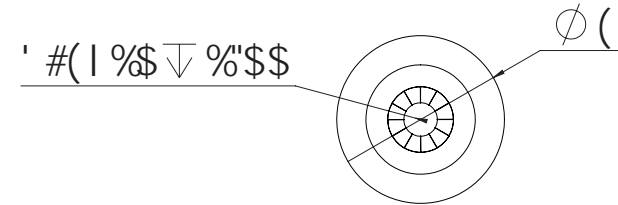
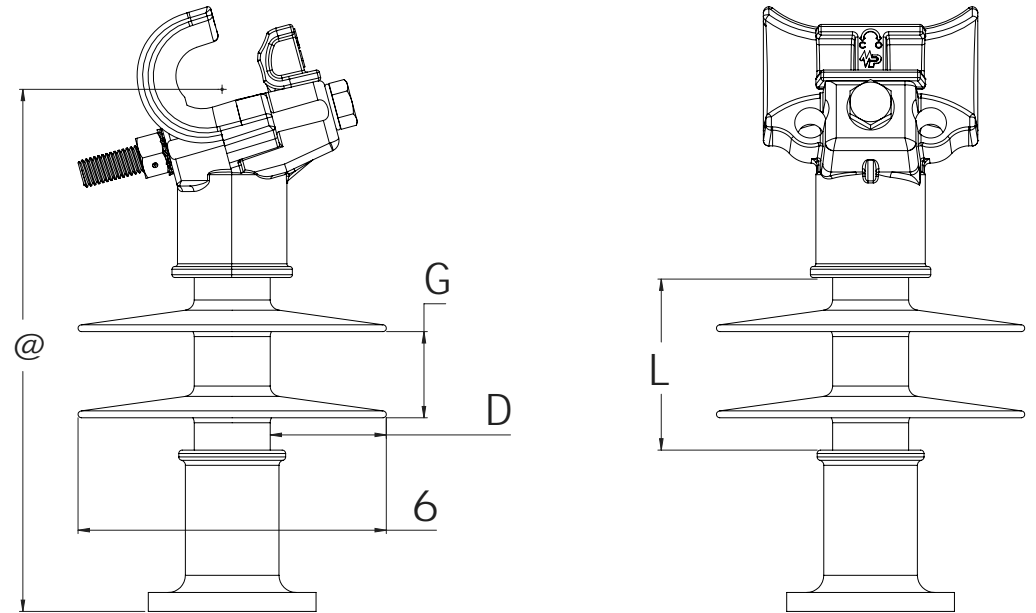
Section Length (L):	12.6 in	321 mm
Rubber Length (X):	4.0 in	101 mm
Shed Height (P):	2.3 in	58 mm
Shed Diameter (B):	6.5 in	165 mm
Shed Spacing (S):	2.0 in	51 mm
Dry Arc Distance:	6.2 in	158 mm
Leakage Distance:	12.2 in	310 mm

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