

MPS Catalog Number

H0 40 U0 008 MX SS 004

Date 1/03/2023

35kV Universal Trunnion Head Composite Line Post

Revision: G _____

End Fittings _____
 Insulator

Tower End Fitting:

3/4"-10 Round Base (Galv. Duct. Iron)

Line End Fitting:

Universal Trunnion (Aluminum)

Conductor Range: 0.20" - 1.34" (6.35mm -34mm)

Recommended Torque: 60 lb*ft

Material

Number of Sheds:

4

Rod Diameter:

1-1/2"

Weight Estimate:

9.4 lbs

4.3 kg

Dimensional Values

Section Length (L):

16.6 in 422 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

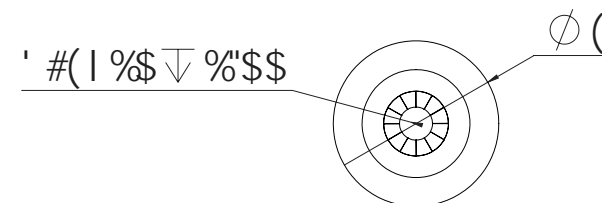
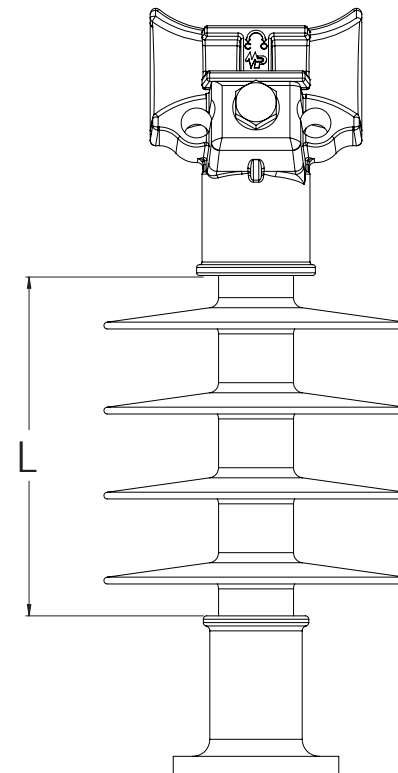
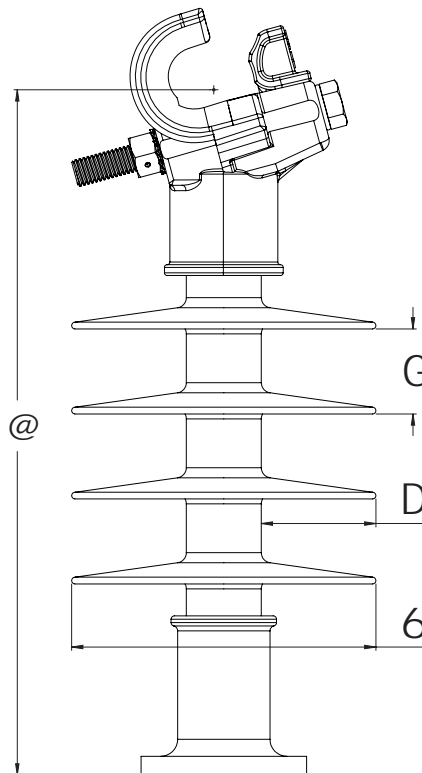
Specified Cant. Load (SCL):

2,800 lbs 12.5 kN

Specified Tensile Load (STL):

5,000 lbs 22.2 kN

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Part Marking:

MPS WO#

H040U0008MXSS004

35 kV

MDCL 1,350 lbs/6.0 kN

Dimension: inches [millimeters]

NOTE: Drawing not actual depiction of insulator appearance

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