

MPS Catalog Number **H7 40 U0 010 MX SS 005**  
 Revision: PD-4 Date 1/23/2023

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

Line End Fitting: Universal Trunnion (Aluminum)

**Material**  
 Number of Sheds: 5  
 Rod Diameter: 1-3/4"  
 Weight Estimate: 15.1 lbs 6.8 kg

**Dimensional Values**

Section Length (L):	18.8 in	478 mm
Rubber Length (X):	9.8 in	249 mm
Shed Height (P):	2.4 in	62 mm
Shed Diameter (B):	6.9 in	175 mm
Shed Spacing (S):	2.0 in	52 mm
Dry Arc Distance:	12.6 in	321 mm
Leakage Distance:	32.2 in	817 mm

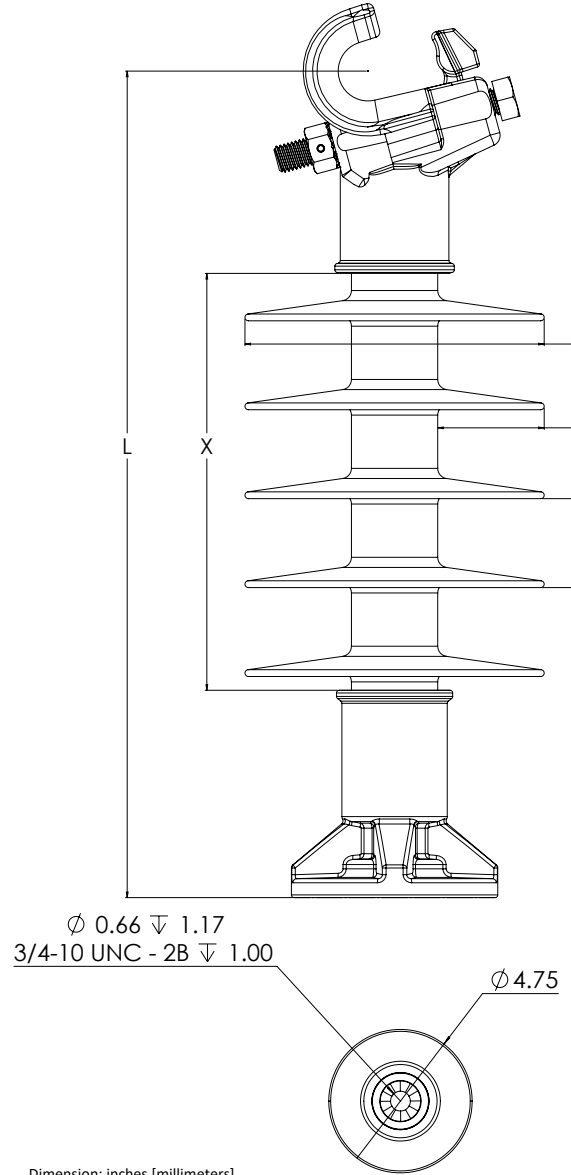
**Electricals Values**

60 Hz dry Flashover:	163 kV	Min. Withstand	128 kV
60 Hz Wet Flashover:	117 kV	Min. Withstand	86 kV
Positive CIFO:	230 kV	Min. Withstand	200 kV
Negative CIFO:	275 kV	Min. Withstand	232 kV

**Mechanical Values**

Max. Design Cant. Load (MDCL):	1,350 lbs	6. 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

**Part Marking:**  
 MPS WO#  
 H7 40 U0 010 MX SS 005  
 46 kV  
 MDCL 1,350 lbs/6.0 kN