

MPS Catalog Number **H7 40 U0 016 MX SS 008**  
 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: 8  
 Rod Diameter: 1-3/4"  
 Weight Estimate: 17.6 lbs 8.0 kg

**Dimensional Values**

Section Length (L):	25.0 in	634 mm
Rubber Length (X):	15.9 in	404 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:	18.4 in	467 mm
Leakage Distance:	51.5 in	1308 mm

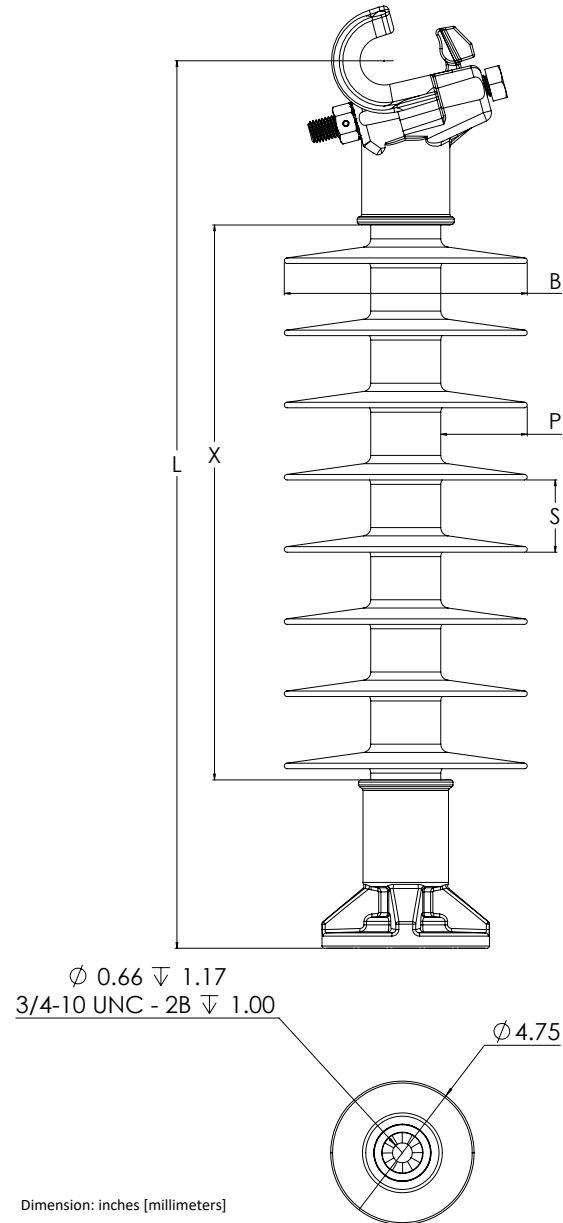
**Electricals Values**

60 Hz dry Flashover:	211 kV	Min. Withstand	177 kV
60 Hz Wet Flashover:	169 kV	Min. Withstand	128 kV
Positive CIFO:	320 kV	Min. Withstand	283 kV
Negative CIFO:	372 kV	Min. Withstand	316 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 016 MX SS 008  
 MDCL 1,350 lbs/6.0 kN