

MPS Catalog Number **H7 40 U0 018 MX SS 009**
 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: 9
 Rod Diameter: 1-3/4"
 Weight Estimate: 18.2 lbs 8.3 kg

Dimensional Values

Section Length (L):	27.0 in	687 mm
Rubber Length (X):	18.0 in	456 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:	20.8 in	529 mm
Leakage Distance:	58.2 in	1478 mm

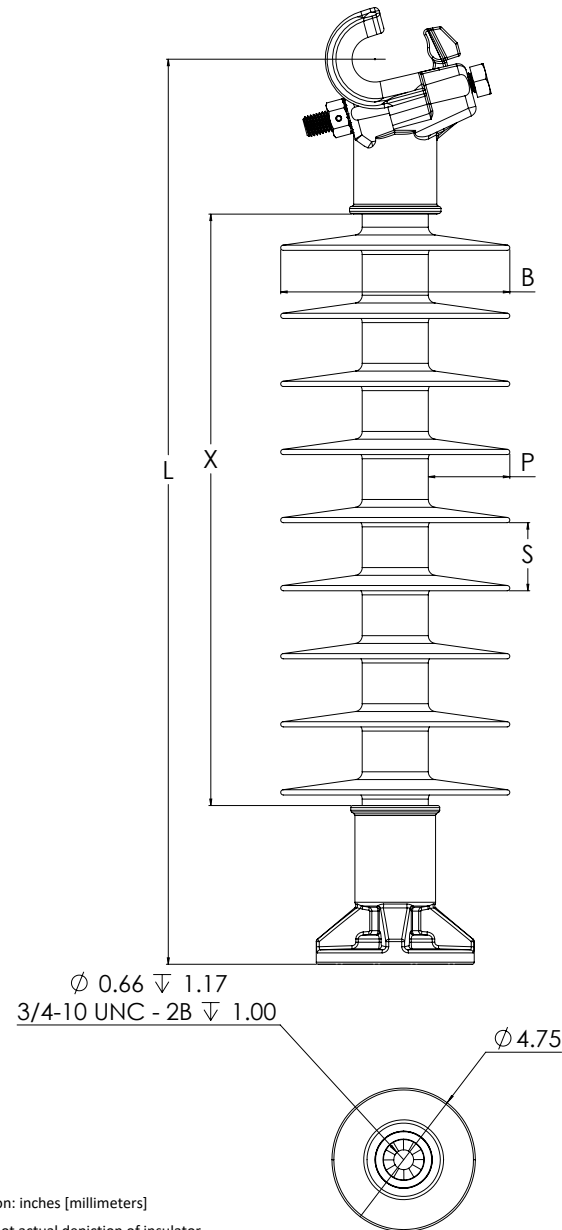
Electricals Values

60 Hz dry Flashover:	232 kV	Min. Withstand	198 kV
60 Hz Wet Flashover:	185 kV	Min. Withstand	145 kV
Positive CIFO:	358 kV	Min. Withstand	319 kV
Negative CIFO:	411 kV	Min. Withstand	352 kV

Mechanical Values

Max. Design Cant. Load (MDCL):	1,350 lbs	6 kN
Specified Cant. Load (SCL):	2,470 lbs	11 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 018 MX SS 009
 69 kV
 MDCL 1,350 lbs/6.0 kN