



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

MPS Catalog Number **H7 90 20 018 MX SS 009**
Revision: PD-2 Date 4/4/2023

End Fittings
Tower End Fitting: 1 Piece Gain Base (Aluminum)
Line End Fitting: Trunnion

Material
Number of Sheds: 9
Rod Diameter: 1-3/4"
Weight Estimate: 18.0 lbs 8.2 kg

Dimensional Values

Section Length (L):	27.5 in	673 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

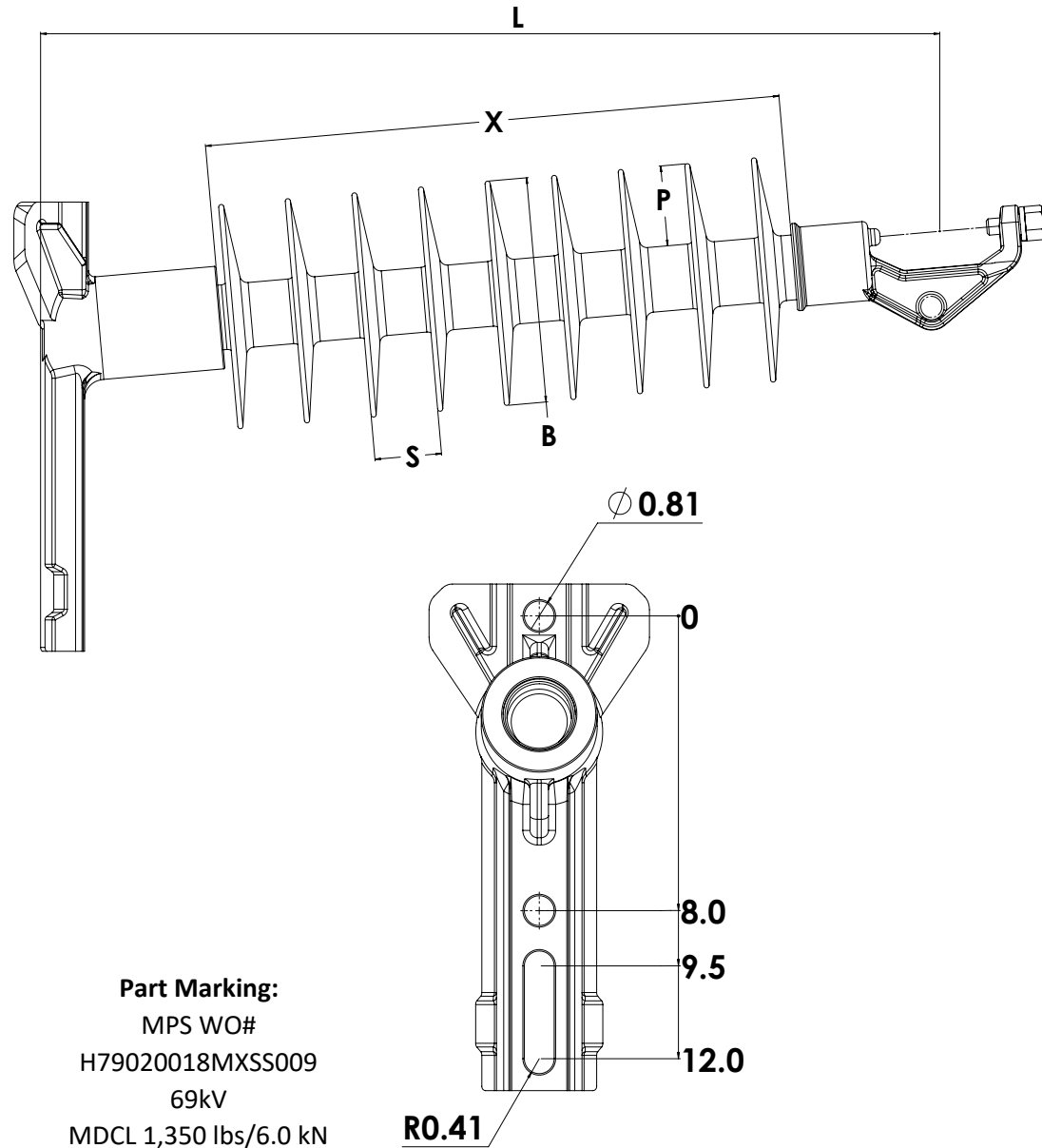
Electricals Values

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	6.0 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#
H79020018MXSS009
69kV
MDCL 1,350 lbs/6.0 kN

Dimension: inches [millimeters]

NOTE: Drawing not actual depiction of insulator appearance

R0.41

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