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

MPS Catalog Number **H0 90 U0 006 MX SS 003**

Revision: A Date 3/31/2023

End Fittings

Tower End Fitting:	Single Piece Aluminum Gain Base
Line End Fitting:	Universal Trunnion (Aluminum)
	Conductor Range 0.20" - 1.34" (6.35mm 34mm)
	Recommended Torque: 60 lb*ft

Material

Number of Sheds:		3
Rod Diameter:		1-1/2"
Weight Estimate:	9.4 lbs	4.3 kg

Dimensional Values

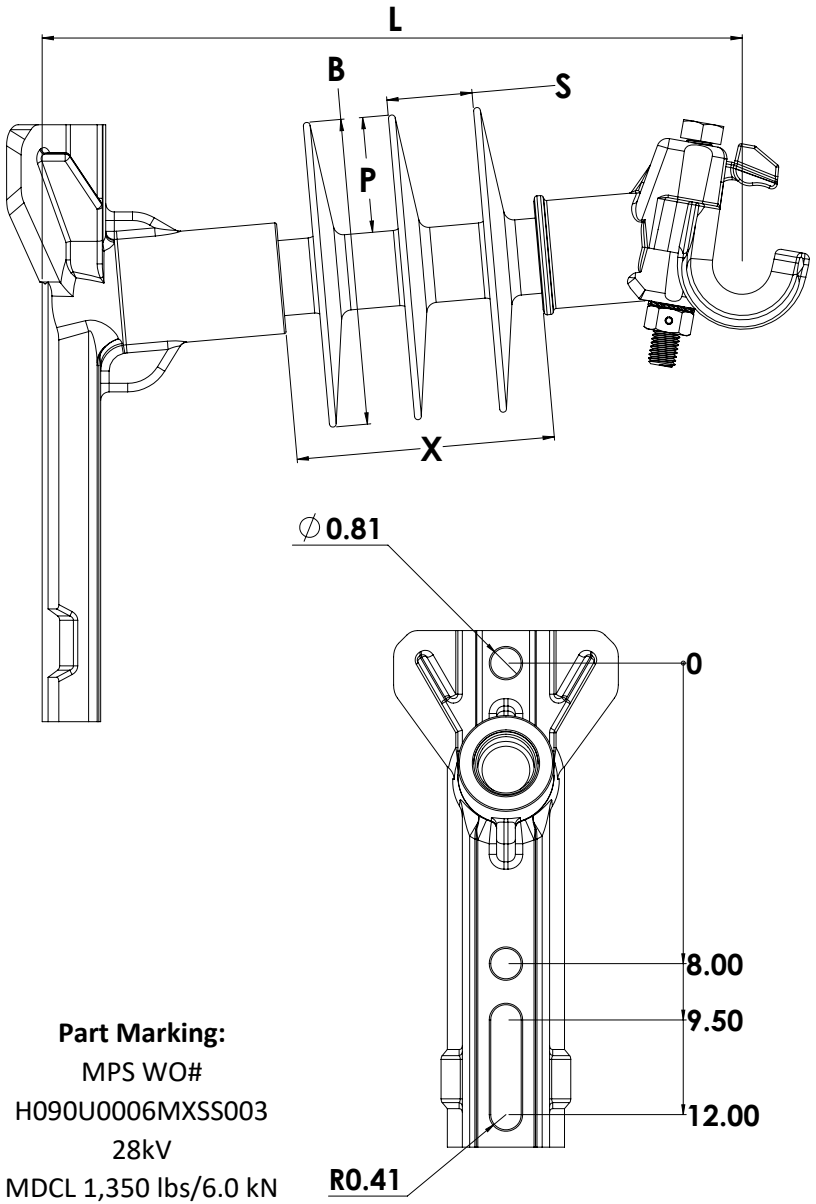
Section Length (L):	16.1 in	409 mm
Rubber Length (X):	6.0 in	152 mm
Shed Height (P):	2.4 in	61 mm
Shed Diameter (B):	6.5 in	165 mm
Shed Spacing (S):	2.0 in	50 mm
Dry Arc Distance:	8.3 in	211 mm
Leakage Distance:	18.3 in	465 mm

Electricals Values

60 Hz dry Flashover:	112 kV	Min. Withstand	91 kV
60 Hz Wet Flashover:	84 kV	Min. Withstand	55 kV
Positive CIFO:	170 kV	Min. Withstand	138 kV
Negative CIFO:	209 kV	Min. Withstand	169 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



Part Marking:
MPS WO#
H090U0006MXSS003
28kV
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