

MPS Catalog Number

**H2 9C 20 039 MX SS 020**

Date 7/14/2014

\_\_\_\_\_ End Fittings \_\_\_\_\_

Tower End Fitting: Gain / 12 deg / Ductile Iron

Line End Fitting Trunnion / Galv. Ductile Iron

\_\_\_\_\_ Material \_\_\_\_\_

Corona Ring (Line) None

Corona Rings are recommended for applications of 230 kV and above

Mounting Angle 12

Number of Sheds 20

Rod Diameter 2.5 in

Weight Estimate 54.8 lbs 25 kg

\_\_\_\_\_ Dimensional Values \_\_\_\_\_

Section Length (L): 50.7 in 1289 mm

Rubber Length (X): 39 in

Shed spacing (S): 2.0 in 50 mm

Shed Projection (P): 1.6 in 41 mm

Dry Arc Distance 41.2 in 1046 mm

Leakage Distance 106.1 in 2696 mm

\_\_\_\_\_ Electricals Values \_\_\_\_\_

60 Hz dry Flashover 395 kV Min. Withstand 371 kV

60 Hz Wet Flashover 366 kV Min. Withstand 287 kV

Pos. Critical Impulse Flashover 680 kV Min. Withstand 608 kV

Neg. Critical Impulse Flashover 759 kV Min. Withstand 646 kV

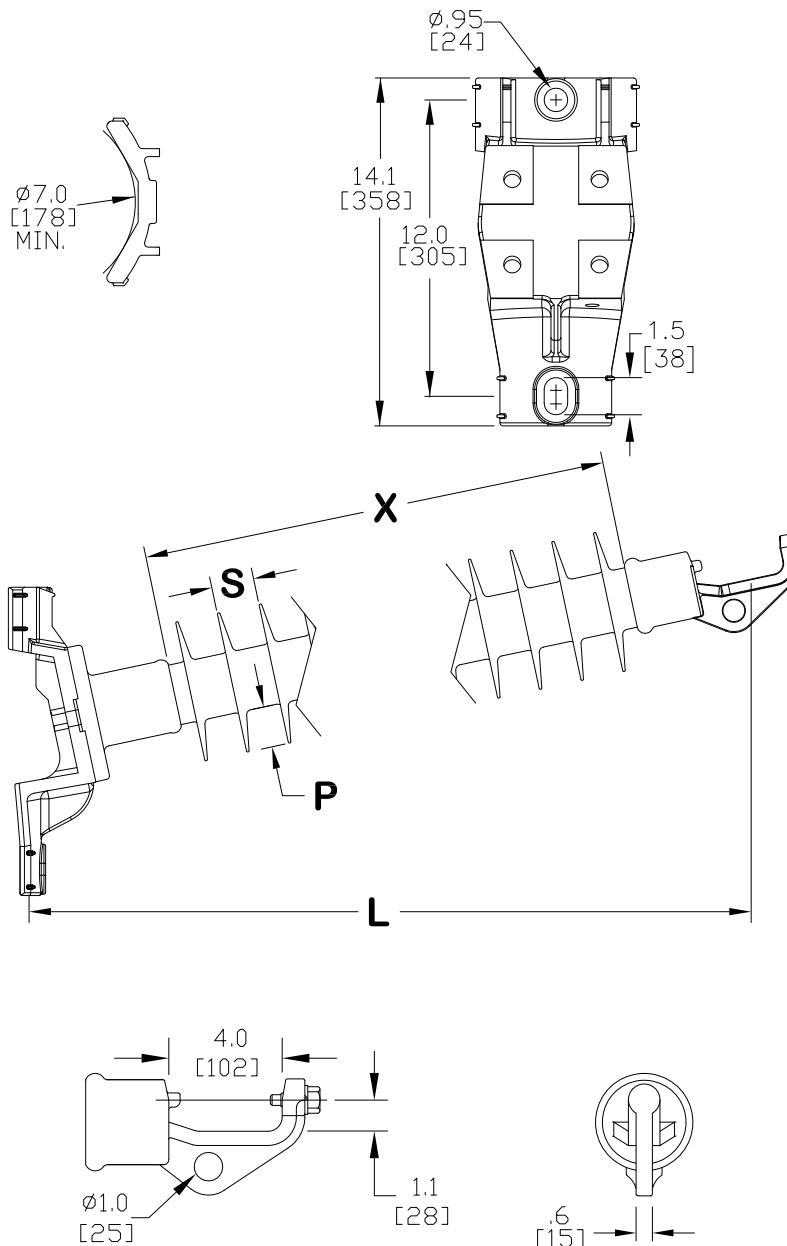
\_\_\_\_\_ Mechanical Values \_\_\_\_\_

Max. Design Cant. Load (MDCL) 1,893 lbs 8.4 kN

Specified Cant. Load (SCL) 3,786 lbs 16.8 kN

Specified Tensile Load (STL) 5,000 lbs 22.2 kN

This drawing contains confidential information that is the property of MacLean Power, L.L.C. ("MacLean"). Use of MacLean's confidential information without MacLean's express written consent is strictly prohibited and may expose you to legal liability. If you believe that you received this material in error, please destroy it or return it to "MacLean Power, L.L.C., 7801 Park Place Rd., York, South Carolina 29745, USA."



Dimension: inches [millimeters]

NOTE: Drawing not actual depiction of insulator appearance

Silicone Rubber Sheath & Sheds. Complies with applicable ANSI and IEC standards.