

MPS Catalog Number

**H2 9C 20 015 MX SS 008**

Date 7/14/2014

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

Tower End Fitting: Gain / 12 deg / Ductile Iron

Line End Fitting 5" Bolt Circle / Galv. Ductile Iron  
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 8

Rod Diameter 2.5 in

Weight Estimate 41.3 lbs 19 kg

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

Section Length (L): 27.3 in 693 mm

Rubber Length (X): 15 in

Shed spacing (S): 2.0 in 50 mm

Shed Projection (P): 1.6 in 41 mm

Dry Arc Distance 17.7 in 450 mm

Leakage Distance 42.6 in 1082 mm

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

60 Hz dry Flashover 183 kV Min. Withstand 172 kV

60 Hz Wet Flashover 163 kV Min. Withstand 123 kV

Pos. Critical Impulse Flashover 309 kV Min. Withstand 274 kV

Neg. Critical Impulse Flashover 392 kV Min. Withstand 307 kV

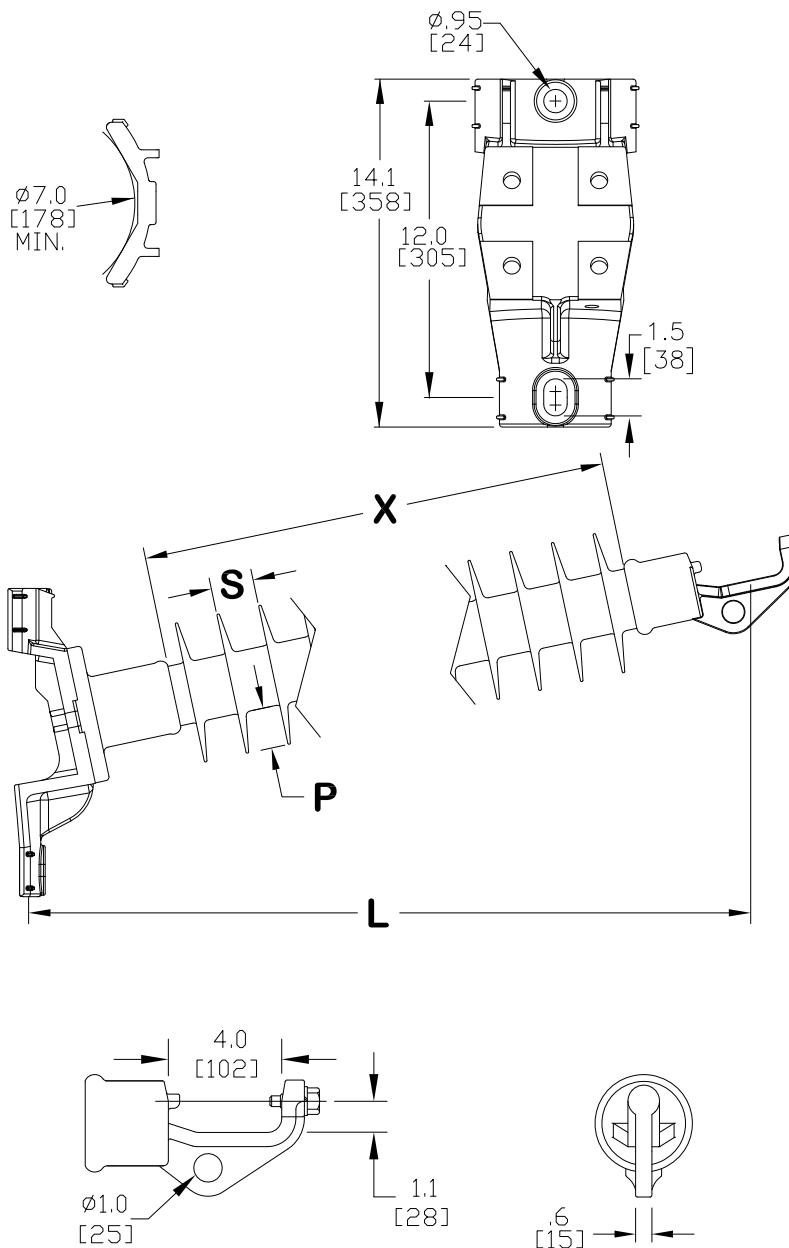
\_\_\_\_\_ Mechanical Values \_\_\_\_\_

Max. Design Cant. Load (MDCL) 2,500 lbs 11.1 kN

Specified Cant. Load (SCL) 5,000 lbs 22.2 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.