

MPS Catalog Number

**H2 9C 20 019 MX SS 010**

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 10

Rod Diameter 2.5 in

Weight Estimate 43.6 lbs 20 kg

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

Section Length (L): 31.2 in 792 mm

Rubber Length (X): 19 in

Shed spacing (S): 2.0 in 50 mm

Shed Projection (P): 1.6 in 41 mm

Dry Arc Distance 21.7 in 550 mm

Leakage Distance 53.2 in 1351 mm

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

60 Hz dry Flashover 219 kV Min. Withstand 205 kV

60 Hz Wet Flashover 198 kV Min. Withstand 151 kV

Pos. Critical Impulse Flashover 371 kV Min. Withstand 331 kV

Neg. Critical Impulse Flashover 461 kV Min. Withstand 364 kV

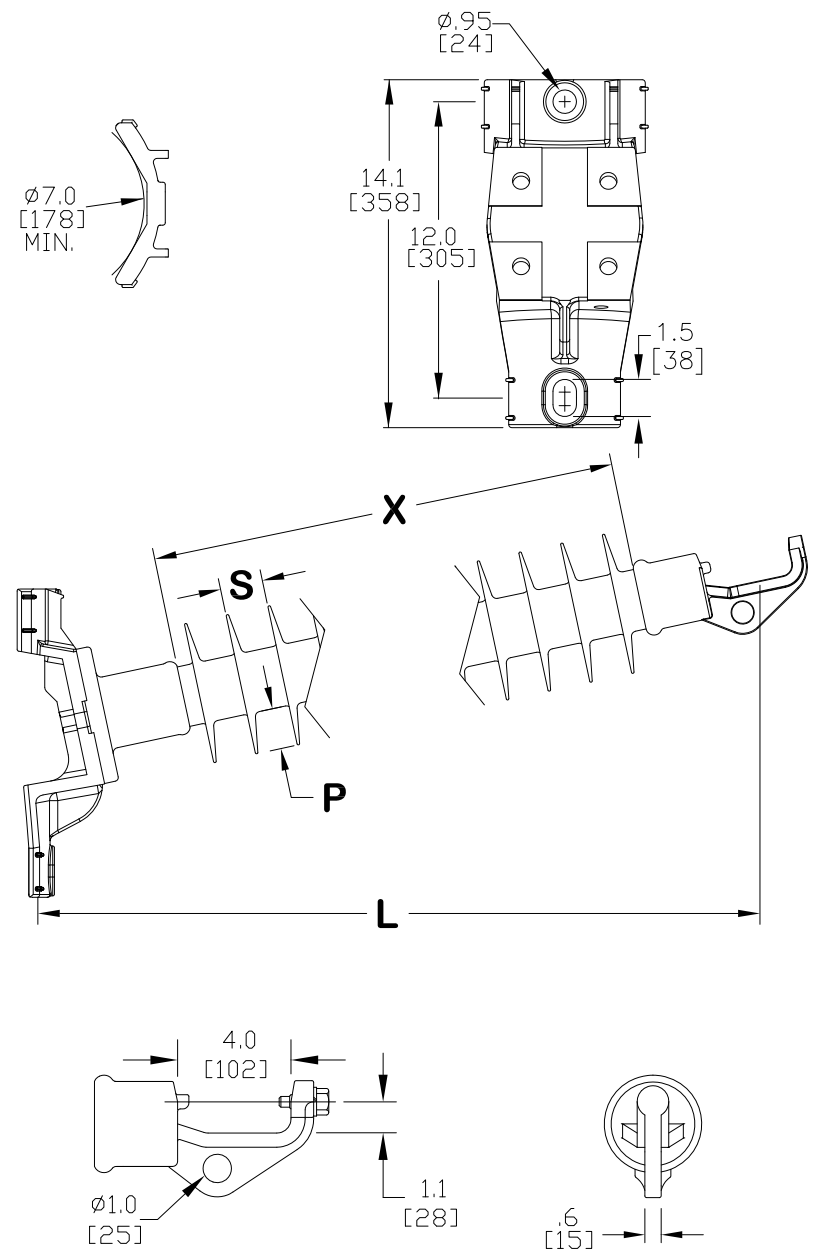
\_\_\_\_\_ Mechanical Values \_\_\_\_\_

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

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Dimension: inches [millimeters]  
 NOTE: Drawing not actual depiction of insulator appearance  
 Silicone Rubber Sheath & Sheds. Complies with applicable ANSI and IEC standards.