

MPS Catalog Number

H2 9C 20 031 MX SS 016

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 16

Rod Diameter 2.5 in

Weight Estimate 50.3 lbs 23 kg

_____ Dimensional Values _____

Section Length (L): 42.9 in 1090 mm

Rubber Length (X): 31 in

Shed spacing (S): 2.0 in 50 mm

Shed Projection (P): 1.6 in 41 mm

Dry Arc Distance 33.4 in 848 mm

Leakage Distance 85.0 in 2158 mm

_____ Electricals Values _____

60 Hz dry Flashover 325 kV Min. Withstand 305 kV

60 Hz Wet Flashover 300 kV Min. Withstand 233 kV

Pos. Critical Impulse Flashover 557 kV Min. Withstand 498 kV

Neg. Critical Impulse Flashover 649 kV Min. Withstand 534 kV

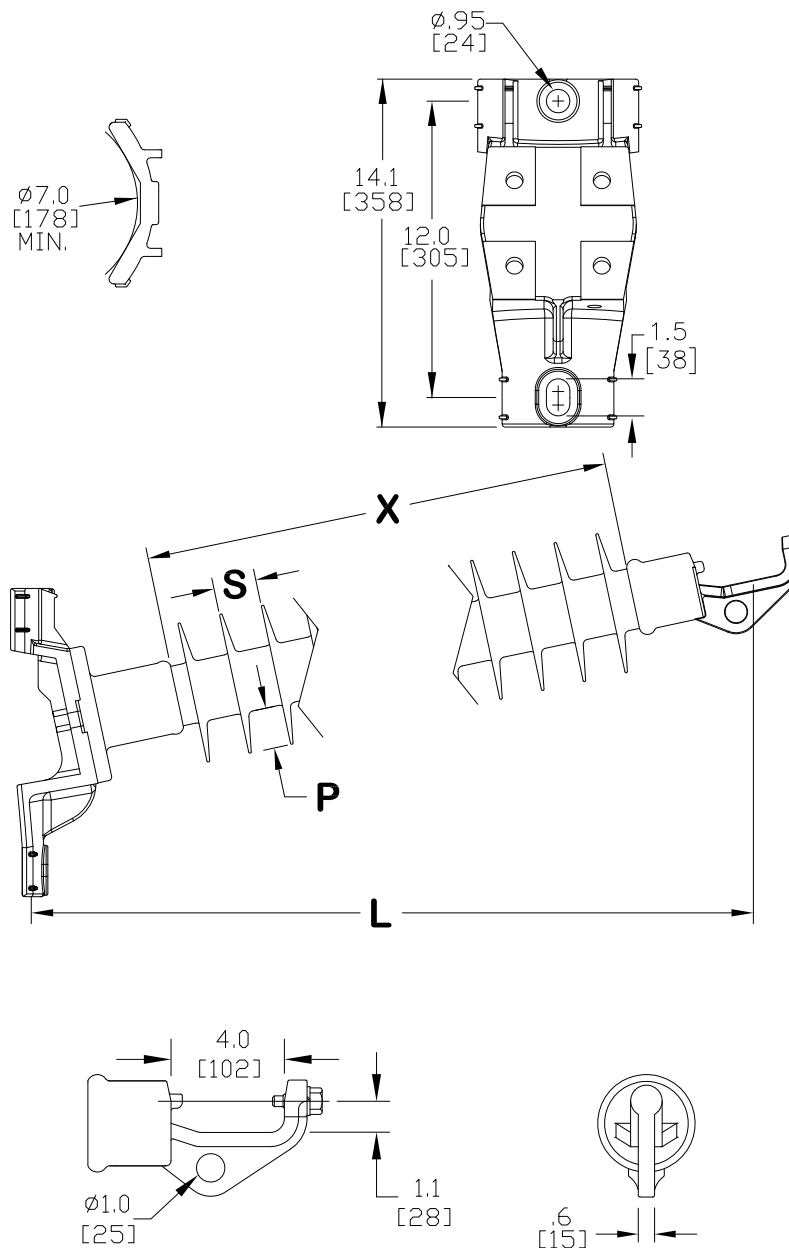
_____ Mechanical Values _____

Max. Design Cant. Load (MDCL) 2,328 lbs 10.4 kN

Specified Cant. Load (SCL) 4,656 lbs 20.7 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.