

MPS Catalog Number

H2 9C 20 047 MX SS 024

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 _____ 24

Rod Diameter _____ 2.5 in

Weight Estimate _____ 59.3 lbs _____ 27 kg

_____ Dimensional Values _____

Section Length (L): _____ 58.6 in 1488 mm

Rubber Length (X): _____ 47 in

Shed spacing (S): _____ 2.0 in 50 mm

Shed Projection (P): _____ 1.6 in 41 mm

Dry Arc Distance _____ 49.0 in 1244 mm

Leakage Distance _____ 127.3 in 3234 mm

_____ Electricals Values _____

60 Hz dry Flashover _____ 464 kV _____ Min. Withstand _____ 435 kV

60 Hz Wet Flashover _____ 429 kV _____ Min. Withstand _____ 340 kV

Pos. Critical Impulse Flashover _____ 804 kV _____ Min. Withstand _____ 716 kV

Neg. Critical Impulse Flashover _____ 857 kV _____ Min. Withstand _____ 756 kV

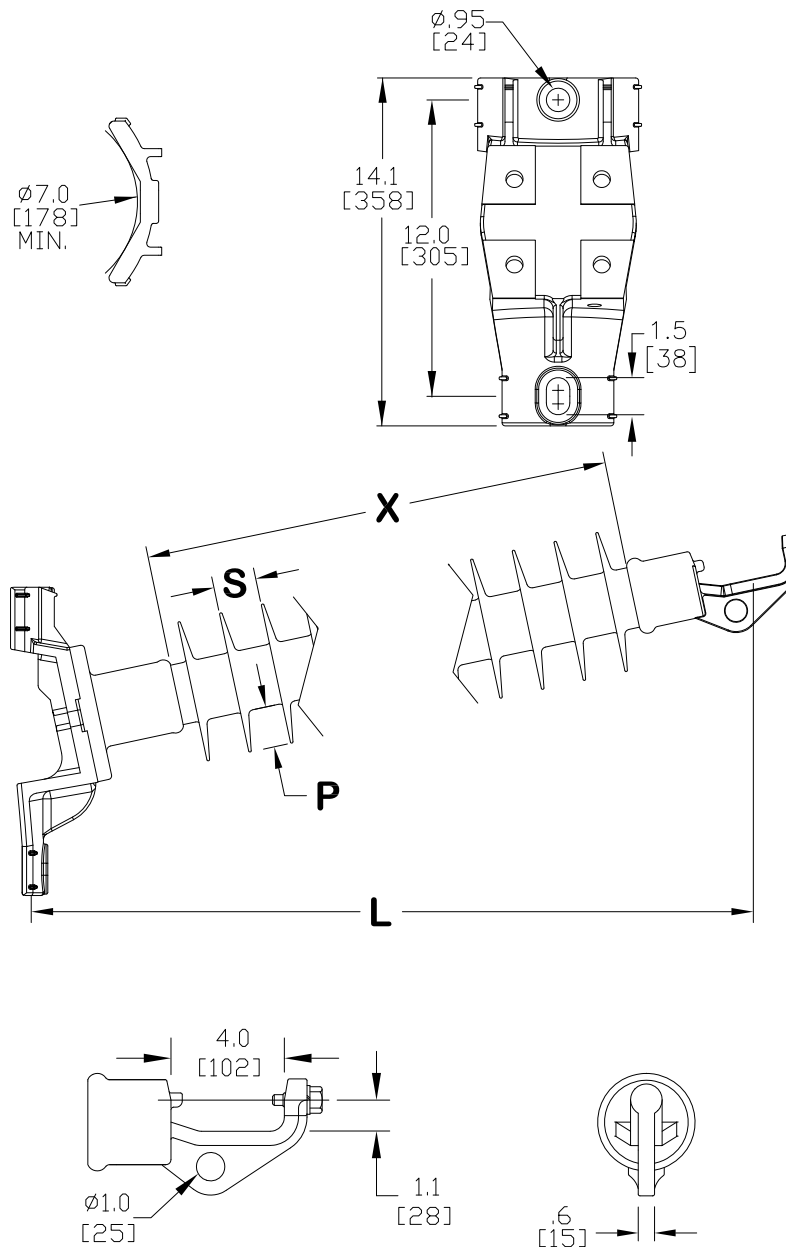
_____ Mechanical Values _____

Max. Design Cant. Load (MDCL) _____ 1,590 lbs _____ 7.1 kN

Specified Cant. Load (SCL) _____ 3,180 lbs _____ 14.1 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.