7801 Park Place Rd.
York, SC 29745 USA
(803) 628-2100

MPS Catalog Number: **H3 90 10 088 AA SS 034**

Date: 05/20/2021

End Fittings

Tower End Fitting:	Gain/12"-14" Hole Spacing Anchor / Galv. Ductile Iron
Line End Fitting:	2 HL Drop Tongue / Galv. Ductile Iron

Material

Corona Ring (Tower):	None
Corona Ring (Line):	6" Corona Ring

Corona Rings are recommended for applications of 230 kV and above

Mounting Angle:			17	deg
Number of Sheds:			34	
Rod Diameter:			3	in
Weight Estimate:	142.4	lbs	65	kg

Dimensional Values

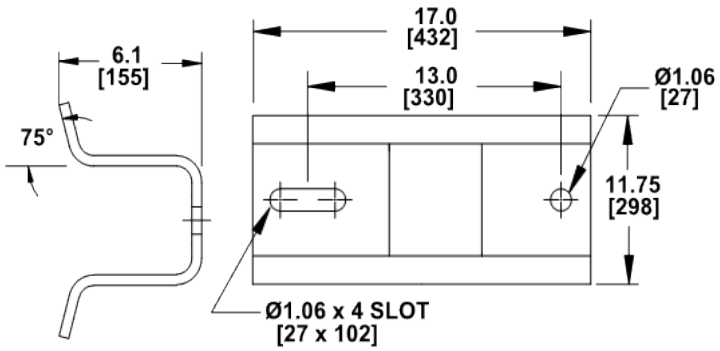
Section Length (L):	99.6	in	2,530	mm
Rubber Length (X):	88	in	2,235	mm
Shed spacing (S):	2.5	in	64	mm
Shed Projection (P):	2.7	in	68	mm
Dry Arc Distance:	89.7	in	2,278	mm
Leakage Distance:	253.5	in	6,439	mm

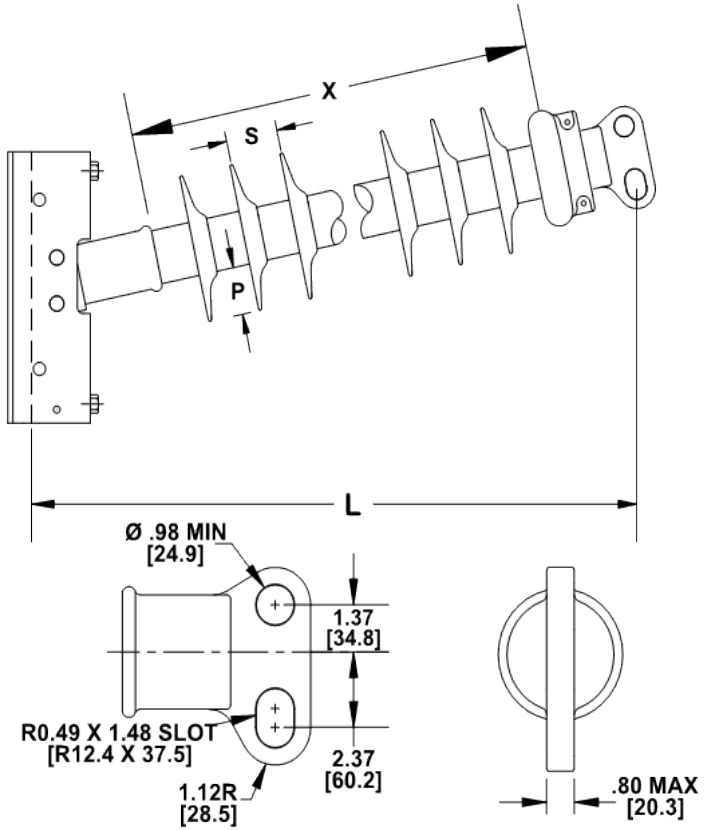
Electricals Values

60 Hz dry Flashover (Min. Withstand):	814	kV	764	kV
60 Hz Wet Flashover (Min. Withstand):	733	kV	599	kV
CIFO Positive (Min. Withstand):	1431	kV	1258	kV
CIFO Negative (Min. Withstand):	1450	kV	1314	kV

Mechanical Values

Max. Design Cant. Load (MDCL):	1,488	lbs	6.6	kN
Specified Cant. Load (SCL):	2,976	lbs	13.2	kN
Specified Tensile Load (STL):	20,000	lbs	89.0	kN





Dimension: inches [millimeters]

NOTE: Drawing not actual depiction of insulator appearance.

Silicone rubber sheath and sheds complies with applicable ANSI and IEC standards.

Notes:

Prepared By: Laurel Wallace