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

MPS Catalog Number: **H3 90 10 040 BX SS 019**

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):	None

Corona Rings are recommended for applications of 230 kV and above

Mounting Angle:			17	deg
Number of Sheds:			19	
Rod Diameter:			3	in
Weight Estimate:	98.9	lbs	45	kg

Dimensional Values

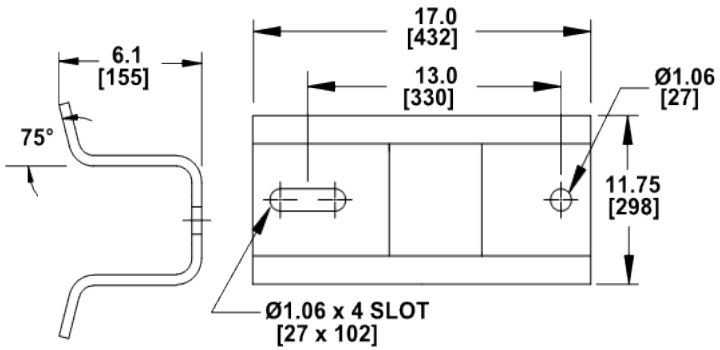
Section Length (L):	53.7	in	1,364	mm
Rubber Length (X):	40	in	1,016	mm
Shed spacing (S):	2	in	51	mm
Shed Projection (P):	2.7	in	68	mm
Dry Arc Distance:	43	in	1,092	mm
Leakage Distance:	132.5	in	3,366	mm

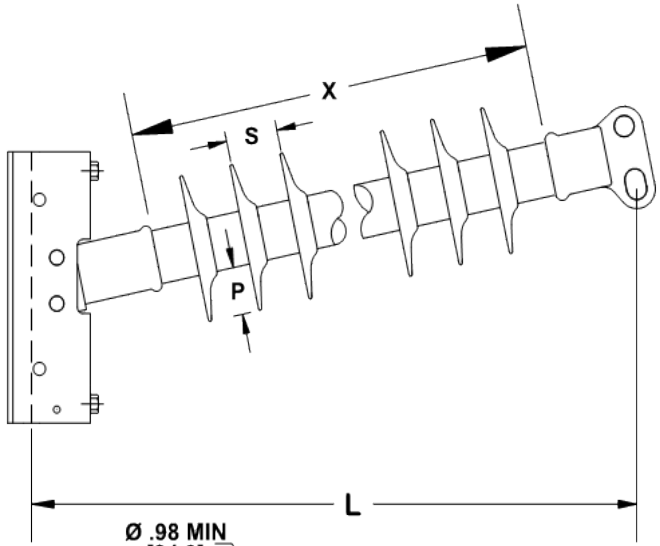
Electricals Values

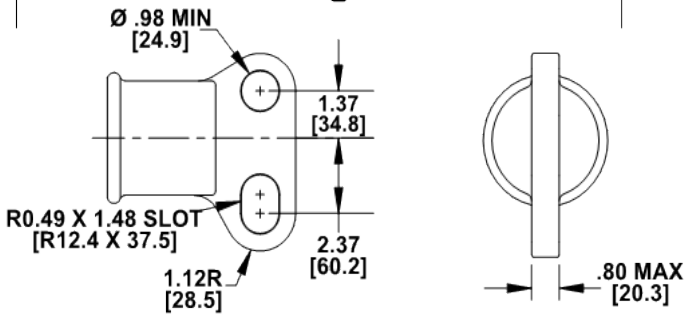
60 Hz dry Flashover (Min. Withstand):	411	kV	386	kV
60 Hz Wet Flashover (Min. Withstand):	381	kV	299	kV
CIFO Positive (Min. Withstand):	709	kV	633	kV
CIFO Negative (Min. Withstand):	783	kV	672	kV

Mechanical Values

Max. Design Cant. Load (MDCL):	3,026	lbs	13.5	kN
Specified Cant. Load (SCL):	6,052	lbs	26.9	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