MacLean™ POWER SYSTEMS

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

MPS Catalog Number: **S5 40 80 048 VX SS 020**

Date: 05/18/2021

End Fittings

Tower End Fitting:	Y-Clevis
Line End Fitting:	Ball (ANSI 52-5)

Material

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

Corona Rings are recommended for applications of 230 kV and above

Number of Sheds:		20 Standard
Rod Diameter:		16 mm
Weight Estimate:	11.2 lbs	5 kg

Dimensional Values

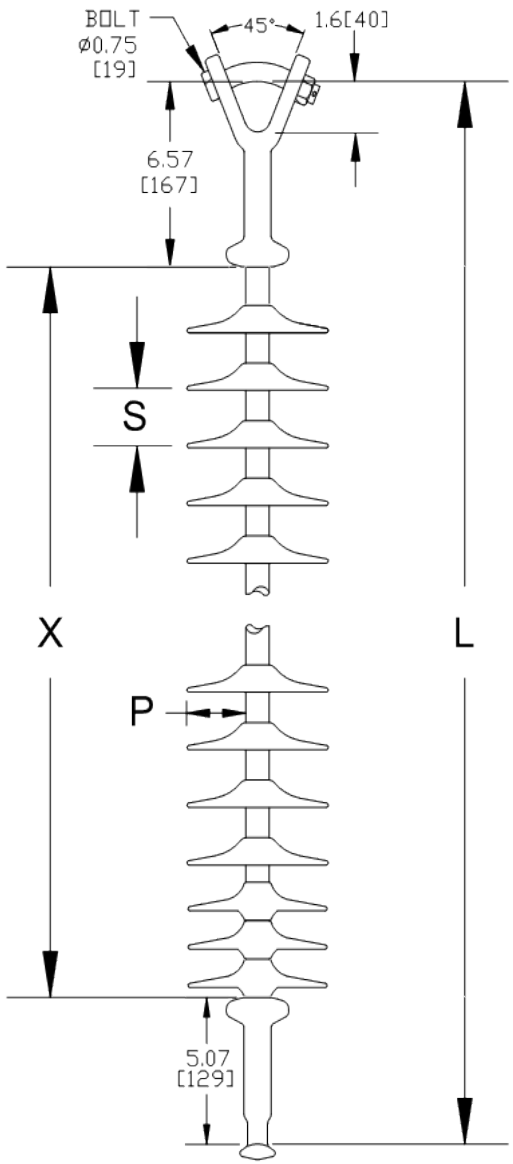
Section Length (L):	59.6 in	1,514 mm
Rubber Length (X):	48 in	1,219 mm
Standard Shed Height (P):	2.1 in	54 mm
Shed Spacing (S):	2.57 in	65 mm
Dry Arc Distance:	51.4 in	1,306 mm
Leakage Distance:	124.3 in	3,157 mm

Electricals Values

60 Hz dry Flashover (Min. Withstand):	504 kV	465 kV
60 Hz Wet Flashover (Min. Withstand):	449 kV	390 kV
CIFO Positive (Min. Withstand):	860 kV	749 kV
CIFO Negative (Min. Withstand):	910 kV	799 kV

Mechanical Values

Specified Mech. Load (SML):	30,000 lbs	133.4 kN
Routine Test Load (RTL):	15,000 lbs	66.7 kN



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Dimension: inches [millimeters]

NOTE: Drawing not actual depiction of insulator appearance.

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

Notes:

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