

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

| MPS Catalog Number: | S2 40 80 084 VA SS 049 |
|---------------------------------------|-------------------------------------|
| Date: | 05/07/2021 |
| End Fit | tings |
| Tower End Fitting: | Y-Clevis |
| Line End Fitting: | Ball (ANSI 52-8/11) |
| Mater | rial |
| Corona Ring (Tower): | None |
| Corona Ring (Line): | 8" Corona Ring |
| Corona Rings are recommended for | or applications of 230 kV and above |
| Number of Sheds: | 49 Standard |
| Rod Diameter: | 24 mm |
| Weight Estimate: | 29.9 lbs 14 kg |
| Dimensiona | ıl Values |
| Section Length (L): | 98.6 in 2,504 mm |
| Rubber Length (X): | 84 in 2,134 mm |
| Standard Shed Height (P): | 2.1 in 54 mm |
| Shed Spacing (S): | 1.71 in 43 mm |
| Dry Arc Distance: | 84.1 in 2,136 mm |
| Leakage Distance: | 272.9 in 6,932 mm |
| Electricals | Values |
| 60 Hz dry Flashover (Min. Withstand): | 815 kV 735 kV |
| 60 Hz Wet Flashover (Min. Withstand): | 694 kV 604 kV |
| CIFO Positive (Min. Withstand): | 1353 kV 1209 kV |
| CIFO Negative (Min. Withstand): | 1413 kV 1270 kV |
| Mechanica | l Values |
| Specified Mech. Load (SML): | 50,000 lbs 222.4 kN |
| Routine Test Load (RTL): | 25,000 lbs 111.2 kN |

1.5 [138] 7.59 [193]

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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: