

## ACSR EN 50182 -TYPE A1/ST1A (Used in Finland) Conductor, 344.1mm<sup>2</sup>, 305-AL1/39-ST1A

### Specifications

|                           |                       |
|---------------------------|-----------------------|
| Conductor Name            | N/A                   |
| Conductor Code            | 305-AL1/39-ST1A       |
| Conductor Sectional Area  | 344.1 mm <sup>2</sup> |
| Alluminium Wires No.      | 54                    |
| Steel Wires No.           | 7                     |
| Alluminium Wire Diamenter | 2.68 mm               |
| Steel Wire Diameter       | 2.68 mm               |
| Conductor Diameter        | 24.12 mm              |
| Conductor Weight          | 1151.2 kg/km          |
| Rated Strength            | 96.80 kN              |
| DC Resistance@ 20°C       | 0.0949 Ω/km           |
| Current Capacity @75°C    | 455 A                 |
| Current Capacity @85°C    | 571 A                 |