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## ЦААБл 3x35(ож)-6 ТУ У 27.3-00214534-091:2017

Power cables with aluminium conductors, with non-draining impregnated paper insulation, aluminium-sheathed, steel-tape armoured

Cables are used for laying:

- · without level difference limitation
- in soil (trenches) with medium corrosiveness without vagabond currents
- · with a risk of mechanical damage and no tensile forces in operation

## **TECHNICAL SPECIFICATIONS**

| Detectualtees   | LAT   | <u> </u>         |
|---|-------|------------------|
| Rated voltage   | kV    | 6                |
| Number and rated area of conductors                         | mm²   | 3 x 35           |
| Insulation thikness between conductors                      | mm    | 4                |
| Insulation thikness of conductor-sheath                     | mm    | 2.95             |
| Sheath thikness   | mm    | 1.3              |
| Permissible continious current rating *                     |       |                  |
| by aerial laying  | Α     | 117              |
| • by burial   | Α     | 121              |
| Operating temperature range                                 | °C    | -50 +50          |
| Minimum bending radius by laying                            | mm    | 900              |
| Metal shaeth outer diameter (for reference only)            | mm    | 24               |
| Rated outer diameter of the cable (for reference) **        | mm    | 36               |
| Cable weight (approximate)                                  | kg/km | 1850             |
| Rated factory cable length and gross weight of the delivery | m, t  | # 16a: 780 • 1.7 |
| on the drums ***  |       |                  |

Notes:

When ordering it is neccesary to agree the factory length of the product with the manufacturer

<sup>\*</sup> Long permissible current loads are calculated for the following conditions: air temperature plus 25 °C, soil temperature plus 15 °C, thermal resistivity of soil 1.2 °K • m/W, laying depth in the soil 0.7 m

<sup>\*\*</sup> The external diameter may differ from the rated up to  $\pm$  10 %



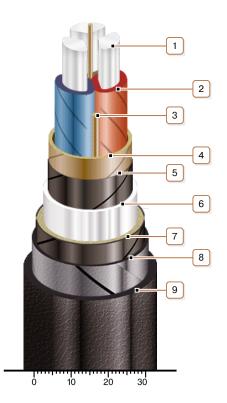




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## **CONSTRUCTION**

- 1. Aluminium conductor
- 2. Impregnated paper insulation
- 3. Cable paper bundle
- 4. Belt insulation
- 5. Conducting paper screen
- 6. Aluminium sheath
- 7. Single-layer plastic-tape bedding
- 8. Double steel-tape armour
- 9. Outer covering

Note: Conductor twisting is not illustrated