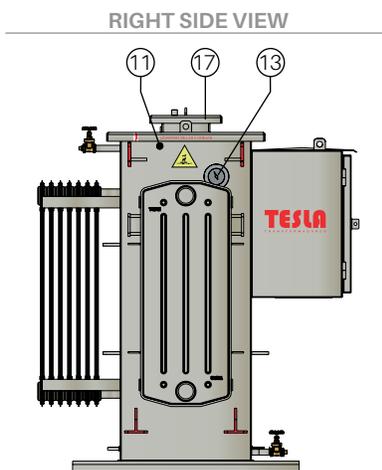
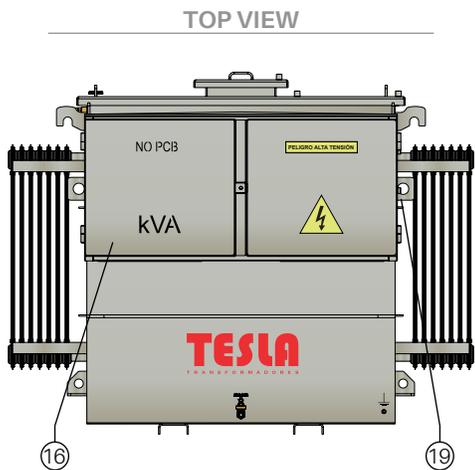
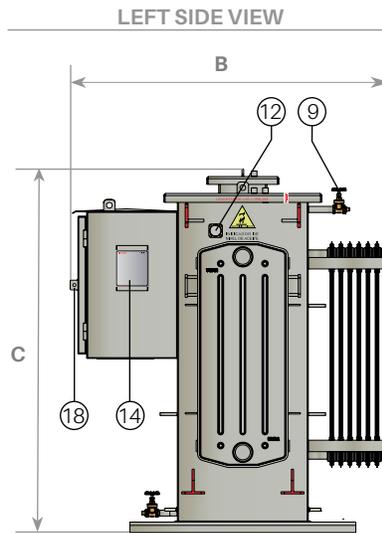
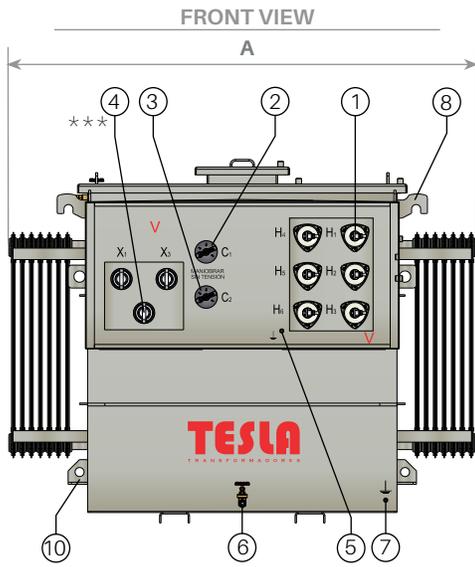


THREE-PHASE VARIABLE FREQUENCY TRANSFORMER, 4.4 / 1.2 KV RATED, IN ACCORDANCE WITH NTC STANDARDS.

Note: the designs are legal property of Nacional de Transformadores S.A.S. - Tesla Transformers due to its registered trademark. The total or partial use of Tesla Transformers' design is prohibited without prior authorization from Nacional de Transformadores S.A.S.



| | |
|-----------------------|----------------------------|
| Rated voltage (kV) | 4,4 / 1,2 |
| Primary voltage (V) | 480 |
| Secondary voltage (V) | 1100 - 4200 |
| Phases | 3 |
| Installation | Outdoor |
| Frequency (Hz) | 10 - 90 |
| Connection group | Dd0-Ynd1 |
| K Factor | 1 to 20 |
| Tap changer | 25 positions on 2 Switches |
| Temperature rise (°C) | 65 |
| BIL (kV) | 60 / 30 |
| Cooling | ONAN / KNAN |
| Insulation class | Ao |
| Insulating liquid | Oil mineral / Vegetable |

Constituent parts

- 1 High voltage bushings.
- 2 Coarse adjustment switch.
- 3 Fine adjustment switch.
- 4 Low voltage bushings.
- 5 Neutro's Grounding Terminal.
- 6 Circulation and drainage valve.
- 7 Tank grounding terminal.
- 8 Lifting device.
- 9 Filling device.
- 10 Crawling device.
- 11 Overpressure relief valve.
- 12 Oil level.
- 13 Oil thermometer.
- 14 Nameplate.
- 15 Taps and voltages plate (internally).
- 16 Terminal protective box.
- 17 Inspection cover.
- 18 Lock.
- 19 Mooring device.

| POWER (kVA) | A (mm) | B (mm) | C (mm) | OIL (L) | WEIGHT (kg) | SOUND PRESSURE POWER (***) (dB) |
|-------------|--------|--------|--------|---------|-------------|---------------------------------|
| 150 | 1380 | 1240 | 1300 | 450 | 1400 | 55 |
| 260 | 1400 | 1500 | 1450 | 600 | 1960 | 55 |
| 460 | 1490 | 1690 | 1430 | 700 | 2320 | 56 |
| 520 | 2100 | 1720 | 1530 | 850 | 3000 | 57 |
| 757 | 2470 | 1920 | 1770 | 1320 | 4000 | 57 |
| 1010 | 2600 | 2000 | 1850 | 1520 | 4750 | 58 |

(**) Sound pressure level NTC 5978

(***) Number of perforations in LV terminals according to manufacturing standard and reference standard (NTC 2501-1)

Notes.

- Due to changes in technology and manufacturing methods, dimensions may change without prior notice, tolerances $\pm 10\%$.
- Additional accessories such as contact thermometer, expansion tank with Buchholz relay, contact overpressure valve, magnetic level, winding thermometer, are quoted at the customer's request at an additional cost.
- For voltages 7620-4160-2400V the series voltage and BIL change, check with the factory.
- Vegetable oil generates additional cost.
- Measurements are approximate for definitive plans, check with the factory.
- For different or higher powers they are manufactured to order, check with the factory.