

**Vista Trafo Co., Ltd.**

12 สุขสวัสดิ์ 26 แขวง 9-3 ถ.สุขสวัสดิ์ แขวงบางปะกอก เขตราชบุรี 10140 , Tel : 02-427-3267 , 02-427-3268

12 Suksawad 26 Yak 9-3 , Suksawad Rd , Bangpakok , Rajburana , Bangkok 10140 , Thailand , +66 2-427-3267 , +66 2-427-3268

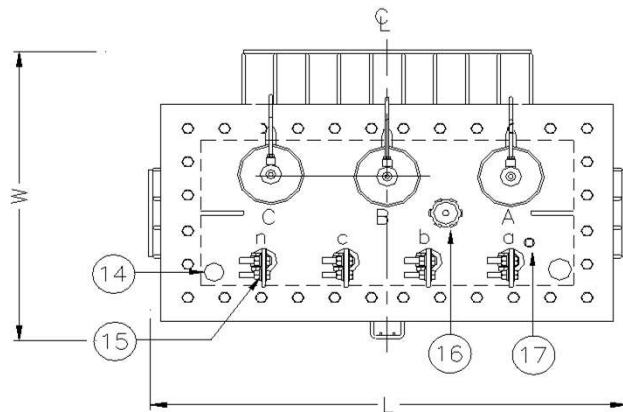
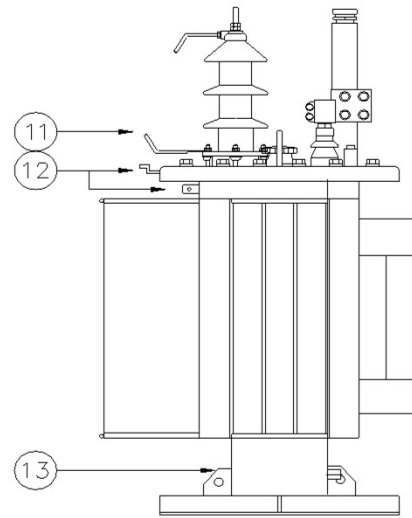
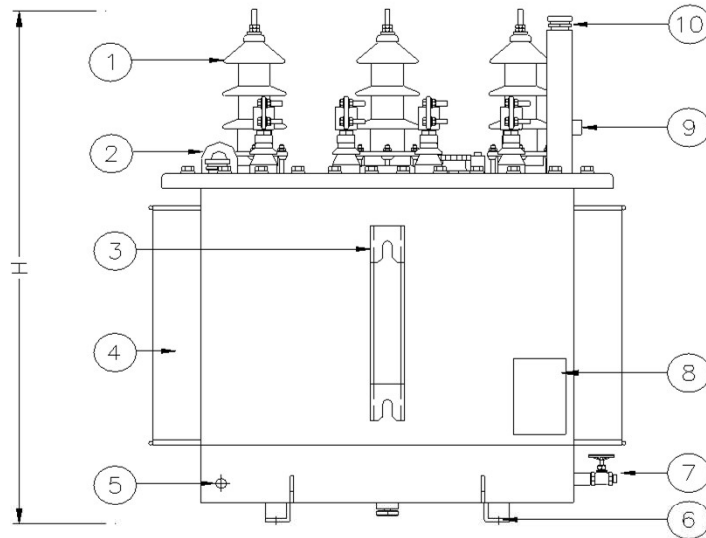
**Technical Data : 250 kVA 22 kV 416/240 V**

|                                     |                       |                                           |
|-------------------------------------|-----------------------|-------------------------------------------|
| Rated power                         | kVA.                  | <b>250</b>                                |
| Type of transformer                 | -                     | <b>Oil immersed (Hermetically sealed)</b> |
| Standard                            | -                     | <b>TIS 384-2543 , IEC 60076</b>           |
| No. of phase                        | -                     | <b>3</b>                                  |
| Frequency                           | Hz.                   | <b>50</b>                                 |
| Rate of voltage                     | : Primary             | V. <b>22,000</b>                          |
|                                     | : Secondary           | V. <b>416/240</b>                         |
| Vector group                        | -                     | <b>Dyn11</b>                              |
| Tapping                             | Type                  | <b>Off circuit tap changer</b>            |
|                                     | No. of steps          | <b>4</b>                                  |
|                                     | Percentage of tapping | <b><math>\pm 2 \times 2.5\%</math></b>    |
| Impedance voltage at 75 °C          | %                     | <b>4</b>                                  |
| No-Load current                     | %                     | <b>3.0</b>                                |
| Ambient temperature                 | °C                    | <b>40</b>                                 |
| Average temperature rise of winding | °C                    | <b>55</b>                                 |
| Average temperature rise of top oil | °C                    | <b>50</b>                                 |
| No-Load Loss                        | W.                    | <b>360</b>                                |
| Load Loss at 75 °C                  | W.                    | <b>2,750</b>                              |
| Total Loss                          | W.                    | <b>3,110</b>                              |
| Efficiency at P.F. = 1              | : 50% of rate power   | % <b>99.17</b>                            |
|                                     | : 100% of rate power  | % <b>98.77</b>                            |
| Voltage regulation                  | : at P.F. = 1         | % <b>1.17</b>                             |
| Impulse withstand voltage           | : Primary winding     | kV. <b>125</b>                            |
|                                     | : Secondary winding   | kV. <b>30</b>                             |
| Power frequency                     | : Primary winding     | kV. <b>50</b>                             |
|                                     | : Secondary winding   | kV. <b>10</b>                             |
| Testing                             | - Routine test        | <b>Included</b>                           |
|                                     | - Special test        | <b>Upon request with additional fee</b>   |

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|     |                                             |
|-----|---------------------------------------------|
| 1.  | HV bushing with terminal connector          |
| 2.  | Lifting eye on the cover                    |
| 3.  | Supporting lug                              |
| 4.  | Corrugated tank                             |
| 5.  | Earthing terminal                           |
| 6.  | Skid base                                   |
| 7.  | Oil sampling and drain valve                |
| 8.  | Name plate                                  |
| 9.  | Oil level guage                             |
| 10. | Oil filling plug                            |
| 11. | Arcing horn                                 |
| 12. | Bracket and terminal for Lightning arrestor |
| 13. | Moving facilitie                            |
| 14. | Pressure safety valve                       |
| 15. | LV bushing with terminal connector          |
| 16. | Tap changer                                 |
| 17. | Thermometer pocket                          |

| H (cm.) | L (cm.) | W (cm.) | Oil (L) | Weight (kg) | Rev. | TR. Code | Dated    | Approved by  |
|---------|---------|---------|---------|-------------|------|----------|----------|--------------|
| 134     | 128     | 87      | 282     | 1,100       | 1    | AC3B15   | 01/04/64 | Teeraporn T. |