



### Principal

|                               |                                     |
|-------------------------------|-------------------------------------|
| Product range                 | Trihal                              |
| Tipo de producto o componente | Dry type transformer                |
| Tipo de red                   | CA                                  |
| Tipo de instalación           | Interior                            |
| Maximum altitude              | < 2600 m                            |
| Cooling mode                  | ANAF (air natural air forced)       |
| Winding material              | Aluminio                            |
| Insulation material           | Cast resin HV<br>Pre-impregnated LV |
| Degree of protection          | IP31                                |
| Tipo de montaje               | Sostenimiento de pie                |

### Complementario

|  |   |
|--|---|
| Phase  | 3 fases   |
| Rated power  | 1000 kVA  |
| Rated frequency  | 60 Hz   |
| Rated primary voltage                                    | 34.5 kV   |
| Secondary voltage ( at no-load)                          | Sin carga 480 V   |
| Rated insulation level                                   | Circuito primário 170 kV CA<br>Circuito secundário 10 kV CA |
| Insulation voltage to industrial frequency ( 50 Hz 1 mn) | 36 kV CA primary<br>1.1 kV CA secondary                     |
| Lighting impulse withstand voltage ( BIL) , 1.2/50 µs    | 170 kV  |
| Vector group   | Dyn11   |
| HV tappings (off circuit)                                | +/- 2 x 2.5 %   |
| Short circuit impedance                                  | 6 %   |
| No-load losses   | 3700 W  |
| Load losses at 75°C/120 °C                               | 11000 W 120 °C  |
| Temperature rise of windings                             | 100 K bobinado  |
| Thermal class  | F   |
| Sound power level  | 62 dB 1 m   |

|   |                                |
|---|--------------------------------|
| Consecutivo, seguido, continuo, adosado | Cable<br>Conexión de embarrado |
| Protective relay                        | 1.0 Ziehl relay                |
| Altura                                  | 2420 mm                        |
| Anchura                                 | 2241 mm                        |
| Longitud                                | 3348 mm                        |
| Total weight                            | 3645 kg                        |

## Entorno

|  |                |
|--|----------------|
| Temperatura ambiente de funcionamiento | -50...40 °C C3 |
| Temperatura ambiente                   | -50...40 °C C3 |
| Environmental certification            | 0...97 % E3    |
| Fire certificate                       | F1             |
| Corrosion category                     | C3M            |