

● POWER TRANSFORMER

① 110KV Power Transformer



◆ Definition

Power transformers are designed and optimized by absorbing and utilizing advanced technologies at home and abroad to optimize the transformer core, coil, body, leads, fuel tank, and other components, which features follow low partial discharge, low loss, low noise, lightweight, and high reliability. Its excellent performance has won high praise from users and relevant experts. This product has the characteristics of stability, economy, and environmental protection, and is suitable for power plants, substations, large industrial and mineralization enterprises, etc

◆ Technical Data Sheet

① Techical Data Of Three-phase Duplex Winding Power Transformer On-load Changer

| Rated Capacity (kVA) | Voltage Combined | | Vector-group | No-load Loss (kw) | Load loss (75°C) (kw) | No load Current(%) | Short Circuit Impedance(%) |
|-------------------------|------------------|--------------------------|--------------|----------------------|--------------------------|-----------------------|-------------------------------|
| | HV(KV) | LV(KV) | | | | | |
| 6300 | 110±8x1.25% | 6.3 6.6 10.5 11 | YNd11 | 10.0 | 36 | 0.80 | 10.5 |
| 8000 | | | | 12.0 | 45 | 0.80 | |
| 10000 | | | | 14.2 | 53 | 0.74 | |
| 12500 | | | | 16.8 | 63 | 0.74 | |
| 16000 | | | | 20.2 | 77 | 0.69 | |
| 20000 | | | | 24.0 | 93 | 0.69 | |
| 25000 | | | | 28.4 | 110 | 0.64 | |
| 31500 | | | | 33.8 | 133 | 0.64 | |
| 40000 | | | | 40.4 | 156 | 0.58 | |
| 50000 | | | | 47.8 | 194 | 0.58 | |
| 63000 | | | | 56.8 | 234 | 0.52 | |

② Techical Data Of Three-phase Three Winding Power Transformer On-load Changer

| Rated Capacity (kVA) | Voltage Combined | | | Vector-group | No-load Loss (kw) | Load loss (75°C) (kw) | No load Current(%) | Short Circuit Impedance(%) |
|-------------------------|------------------|------------------|--------------------------|--------------|----------------------|--------------------------|-----------------------|-------------------------------|
| | HV(KV) | MV(KV) | LV(KV) | | | | | |
| 6300 | 110±8x1.25% | 35 37 38.5 | 6.3 6.6 10.5 11 | YNyn0d11 | 12.0 | 47 | 0.95 | H-M 10.5 |
| 8000 | | | | | 14.4 | 56 | 0.95 | |
| 10000 | | | | | 17.1 | 66 | 0.89 | |
| 12500 | | | | | 20.2 | 78 | 0.89 | |
| 16000 | | | | | 24.2 | 95 | 0.84 | H-L 17.5-18.5 |
| 20000 | | | | | 28.6 | 112 | 0.84 | |
| 25000 | | | | | 33.8 | 133 | 0.78 | |
| 31500 | | | | | 40.2 | 157 | 0.78 | |
| 40000 | | | | | 48.2 | 189 | 0.73 | M-L 6.5 |
| 50000 | | | | | 56.9 | 225 | 0.73 | |
| 63000 | | | | | 67.7 | 270 | 0.67 | |

1.10 type products:no-load loss fell by 10 percent;Load loss by 5 per cent.
2.11 type products:no-load loss dropped 20%;Load loss by 5 per cent.

② 220KV Power Transformer



◆ Definition

JIEZOU POWER 220kV power transformer, use Japanese Toshiba analysis software and our company special calculation and validation procedures to the transformer core, winding, implement body, lead, fuel tanks, etc. Parts of the optimal design and carry on tho omni-directional validation, ensure product performance. Superior process equipment.

Elaborate material selecting and efficient manufacturing.making the trans former has small volume, light weight, low loss, low partial discharge, low noise characteristics, the product quality is superior, energy conservation and envi-ronmental protection, easy installation and maintenance, reliable operation and effectively reduced products running costs.

This product has the characteristics of stability, economy, and environmental protection, and is suitable for power plants, substations, large industrial and mineralization enterprises, etc

◆ Technical Data Sheet

① Techical Data Of Three-phase Duplex Winding Power Transformer On-load Changer

| Rated Capacity (kVA) | Voltage Combined | | Vector-group | No-load Loss (kw) | Load loss (75°C) (kw) | No load Current(%) | Short Circuit Impedance (%) |
|-------------------------|------------------|--------|--------------|----------------------|--------------------------|-----------------------|-----------------------------------|
| | HV(KV) | LV(KV) | | | | | |
| 31500 | 220±8x1.25% | 6.3 | YNd11 | 38 | 135 | 0.70 | 12--14 |
| 40000 | | 6.6 | | 45 | 157 | 0.63 | |
| 50000 | | 10.5 | | 54 | 189 | 0.56 | |
| 63000 | | 11 | | 63 | 220 | 0.56 | |
| 90000 | | 35 | | 80 | 288 | 0.49 | |
| | | 37 | | | | | |
| 120000 | | 38.5 | | 99 | 346 | 0.49 | |
| 150000 | | 10.5 | | 116 | 405 | 0.42 | |
| | | 11 | | | | | |
| 180000 | | 35 | | 135 | 468 | 0.42 | |
| | | 37 | | | | | |
| | | 38.5 | | | | | |
| 120000 | | 66 | | 102 | 355 | 0.49 | |
| 150000 | | | | 120 | 415 | 0.42 | |
| | | | | | | | |
| 180000 | | | | 140 | 475 | 0.42 | |

② Techical Data Of Three-phase Three Winding Power Transformer On-load Changer

| Rated Capacity (kVA) | Voltage Combined | | | Vector-group | No-load Loss (kw) | Load loss(75°C) (kw) | No load Current(%) | Capacity assignment(%) | Short Circuit Impedance (%) |
|-------------------------|------------------|--------|--------|--------------|----------------------|-------------------------|-----------------------|---|-----------------------------------|
| | HV(KV) | MV(KV) | LV(KV) | | | | | | |
| 31500 | 220±8x1.25% | 69 | 6.3 | YNyn0d11 | 44 | 162 | 0.77 | 100/100/100 100/50/100 100/100/50 | H-M 12-14 |
| 40000 | | | 6.6 | | 52 | 189 | 0.70 | | |
| 50000 | | | 10.5 | | 60 | 225 | 0.63 | | |
| | | | 11 | | | | | | H-L 22-24 |
| 63000 | | | 35 | | 70 | 261 | 0.63 | | |
| | | | 37 | | | | | | |
| 90000 | | | 38.5 | | 92 | 351 | 0.56 | | M-L 7-9 |
| 120000 | | | 10.5 | | 115 | 432 | 0.56 | | |
| 150000 | | | 11 | | 135 | 513 | 0.49 | | |
| 180000 | | | 35 | | 156 | 630 | 0.49 | | |
| | | | 37 | | | | | | |
| 240000 | | | 38.5 | | 193 | 780 | 0.45 | | |