Estimated temperature Rise

$$T_{rise} = K_3 \cdot \left(Coreless(W) + Copperloss(W)\right)^{0.833} \quad (^{\circ}C)$$

$$copper\ loss = I_{rms}^2 \times DCR\ (Typ) / 1000$$

$$Core\ loss = K_2{}^{x} \left(Freq\_kHz\right)^{1.26=m} \times \left(\Delta B\right)^{2.11=n}$$

$$\Delta B = K1 \times Volt\text{-}\mu sec \times 100$$

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