

Question 20

Q: How to calculate leakage inductance in the magnetic analysis?
(Magnetic analysis/Magnetic saturation/Leakage inductance)

A: Leakage inductance needs to be calculated using analysis results.

Primary and secondary leakage inductances can be calculated from the following equations: $(1-k)*L1$, $(1-k)*L2$,
where

k: Coupling coefficient,

L1: Primary self-inductance, and

L2: Secondary self-inductance.