

**Calcul des paramètres effectifs
des pièces ferromagnétiques**

**Calculation of the effective parameters
of magnetic piece parts**

CORRIGENDUM 1

Page 8

3.1.3

Remplacer les mots 'section transversale rectangulaire' par ce qui suit:

section transversale trapézoïdale

Page 9

3.1.3

Replace the words 'For ring cores of rectangular' by the following.

For ring cores of trapezoidal

Page 18

3.6 Paire de circuits magnétiques en pots

Remplacer, page 18, l'équation

$$S_2 = -\frac{d_2}{2} + \sqrt{\frac{1}{8}(d_1^2 + d_2^2)}$$

par ce qui suit:

$$S_1 = -\frac{d_2}{2} + \sqrt{\frac{1}{8}(d_1^2 + d_2^2)}$$

Remplacer, page 20, l'équation

$$S_1 = \frac{d_3}{2} - \sqrt{\frac{1}{8}(d_3^2 + d_4^2)}$$

par ce qui suit:

$$S_2 = \frac{d_3}{2} - \sqrt{\frac{1}{8}(d_3^2 + d_4^2)}$$

Page 19

3.6 Pair of pot-cores

Replace, on page 19, the equation

$$S_2 = -\frac{d_2}{2} + \sqrt{\frac{1}{8}(d_1^2 + d_2^2)}$$

by the following:

$$S_1 = -\frac{d_2}{2} + \sqrt{\frac{1}{8}(d_1^2 + d_2^2)}$$

Replace, on page 21, the equation

$$S_1 = \frac{d_3}{2} - \sqrt{\frac{1}{8}(d_3^2 + d_4^2)}$$

by the following:

$$S_2 = \frac{d_3}{2} - \sqrt{\frac{1}{8}(d_3^2 + d_4^2)}$$

Remplacer, page 20, l'équation

$$\frac{l_2}{A_2} = \frac{a - d_3}{\pi^2 a d_3 h^2}$$

par ce qui suit:

$$\frac{l_2}{A_2^2} = \frac{a - d_3}{\pi^2 a d_3 h^2}$$

Remplacer, page 20, l'équation

$$l_4 = l'_4 + l''_4 = \frac{\pi}{4}(2S_2 + h)$$

par ce qui suit:

$$l_4 = l'_4 + l''_4 = \frac{\pi}{4}(2S_1 + h)$$

Remplacer, page 20, l'équation

$$l_5 = l'_5 + l''_5 = \frac{\pi}{4}(2S_1 + h)$$

par ce qui suit:

$$l_5 = l'_5 + l''_5 = \frac{\pi}{4}(2S_2 + h)$$

Remplacer, page 20, l'équation

$$A_4 = \frac{1}{8}(\pi - 2\theta)(d_1^2 - d_2^2) + \frac{\pi}{2}d_2h$$

par ce qui suit:

$$A_4 = \frac{1}{8}(\pi - n\theta)(d_1^2 - d_2^2) + \frac{\pi}{2}d_2h$$

Remplacer, page 20, l'équation

$$\frac{l_6}{A_6} = \frac{d_2 - a}{ad_2(\pi - n\theta)^2 h^2}$$

par ce qui suit:

$$\frac{l_6}{A_6^2} = \frac{d_2 - a}{ad_2(\pi - n\theta)^2 h^2}$$

Replace, on page 21, the equation

$$\frac{l_2}{A_2} = \frac{a - d_3}{\pi^2 a d_3 h^2}$$

by the following:

$$\frac{l_2}{A_2^2} = \frac{a - d_3}{\pi^2 a d_3 h^2}$$

Replace, on page 21, the equation

$$l_4 = l'_4 + l''_4 = \frac{\pi}{4}(2S_2 + h)$$

by the following:

$$l_4 = l'_4 + l''_4 = \frac{\pi}{4}(2S_1 + h)$$

Replace, on page 21, the equation

$$l_5 = l'_5 + l''_5 = \frac{\pi}{4}(2S_1 + h)$$

by the following:

$$l_5 = l'_5 + l''_5 = \frac{\pi}{4}(2S_2 + h)$$

Replace, on page 21, the equation

$$A_4 = \frac{1}{8}(\pi - 2\theta)(d_1^2 - d_2^2) + \frac{\pi}{2}d_2h$$

by the following:

$$A_4 = \frac{1}{8}(\pi - n\theta)(d_1^2 - d_2^2) + \frac{\pi}{2}d_2h$$

Replace, on page 21, the equation

$$\frac{l_6}{A_6} = \frac{d_2 - a}{ad_2(\pi - n\theta)^2 h^2}$$

by the following:

$$\frac{l_6}{A_6^2} = \frac{d_2 - a}{ad_2(\pi - n\theta)^2 h^2}$$