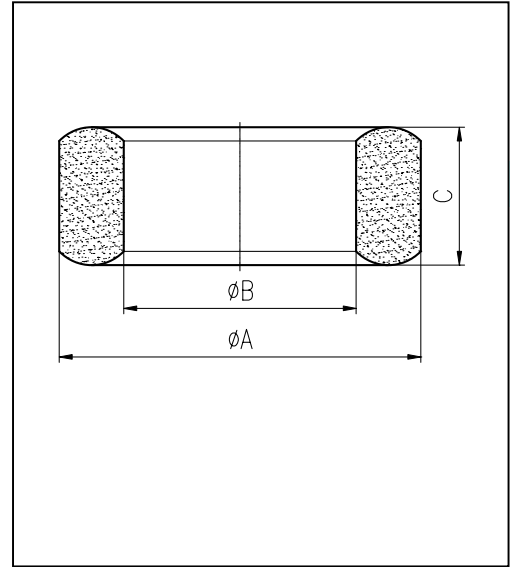


CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma (1/A)$	core factor (C_1)	1.31	mm^{-1}
V_e	effective volume	2758.59	mm^3
l_e	effective length	60.10	mm
A_e	effective area	45.90	mm^2
W_t	mass of core	≈ 15.1	g



尺寸 Coat	A	B	C
Uncoat	25.0 ± 0.4	15.0 ± 0.4	10.0 ± 0.3
Coated	25.8max	14.3min	10.7max

Note: With grass green epoxy coating

Characteristic

GRADE	AL (nH/N^2)	B (mT)	CORE LOSS (W)
	f=10kHz U=0.25V	H=250A/m f=25kHz T=100°C	f=100kHz B=200mT T=100°C
DMR24	$2000 \pm 25\%$	≥ 320	≤ 2.04
DMR40	$2200 \pm 25\%$	≥ 320	≤ 1.80
DMR44	$2200 \pm 25\%$	≥ 340	≤ 1.51
DMR95	$2800 \pm 25\%$	≥ 340	≤ 1.51

GRADE	AL (nH/N^2)	B (mT)	CORE LOSS (W)
	f=10kHz U=0.25V	H=250A/m f=25kHz T=100°C	f=500kHz B=50mT T=100°C
DMR55	$1840 \pm 25\%$	≥ 340	≤ 0.83

GRADE	AL (nH/N^2)	μ_i
	f=10kHz U=0.25V	f=10kHz U=0.25V
R4K	$4400 \pm 25\%$	≈ 4300
R5K	$5100 \pm 25\%$	≈ 5000
R7K	$6620 \pm 25\%$	≈ 7000