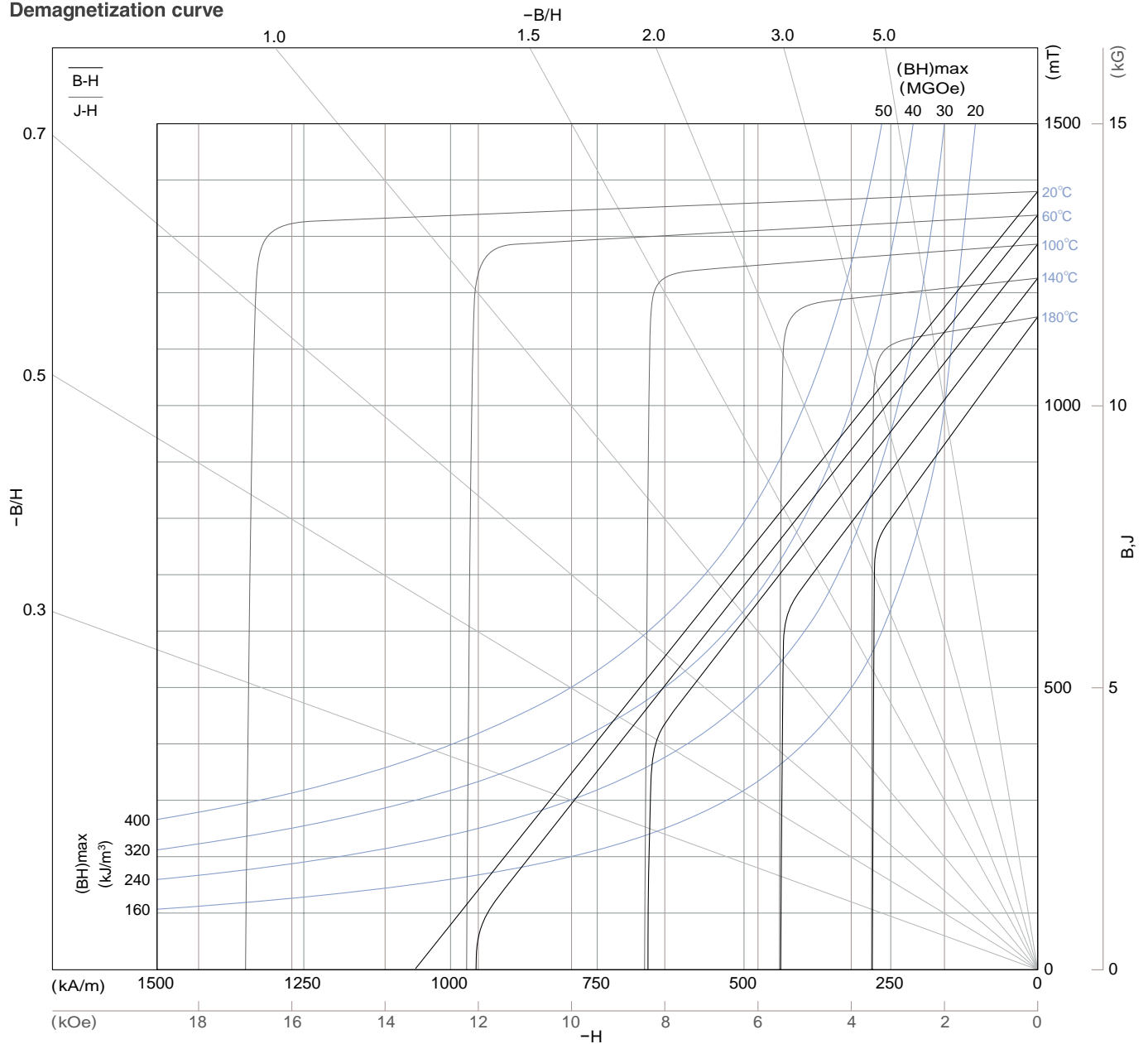


## NEOREC Series

### 50F series / Transverse magnetic field molding process NEOREC46HF

Demagnetization curve



#### Magnetic characteristics

Material	NEOREC46HF		
Residual magnetic flux density $B_r$	(mT)	$1380 \pm 30$	$(13.8 \pm 0.3 \text{ kG})$
Coercive force $H_{cB}$	(kA/m)	$1066 \pm 56$	$(13.4 \pm 0.7 \text{ kOe})$
Intrinsic coercive force $H_{cJ}$	(kA/m)	$\geq 1273$	$(\geq 16 \text{ kOe})$
Maximum energy product $(BH)_{max}$	(kJ/m <sup>3</sup> )	$366 \pm 16$	$(46 \pm 2 \text{ MGOe})$