

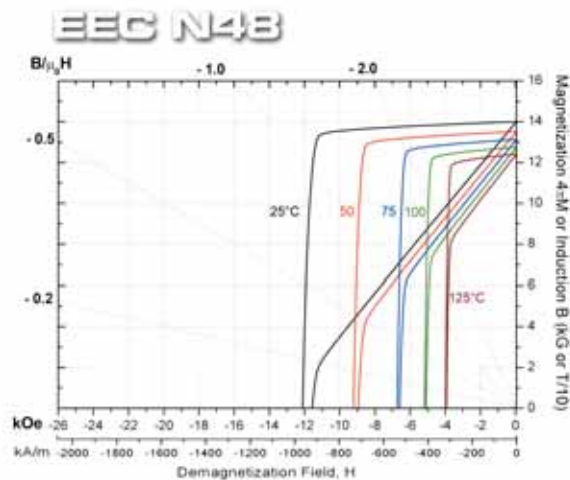
sintered neodymium-iron-boron magnets

RARE EARTH MAGNETS FOR DEMANDING APPLICATIONS



Magnet Grade	Maximum Energy Product $(BH)_{max}$		Residual Induction B_r		Coercive Force H_c (minimum)		Intrinsic Coercive Force H_{ci} (minimum)		Maximum Operating Temperature T_m
	MGOe	kJ/m^3	kG	T	kOe	kA/m	kOe	kA/m	$^{\circ}\text{C}$
EEC N48	46-49	366-390	13.8-14.2	1.38-1.42	10.5	835	11.5	915	80
EEC N45	43-46	342-366	13.2-13.8	1.32-1.38	11.0	876	12.0	955	80
EEC N40	38-41	318-342	12.5-12.8	1.25-1.28	11.6	923	12.0	955	80
EEC N42H	40-43	318-342	12.8-13.2	1.28-1.32	12.0	955	17.0	1353	120
EEC N38H	36-39	287-310	12.1-12.5	1.21-1.25	11.3	899	17.0	1353	120
EEC N35H	33-36	263-287	11.7-12.1	1.17-1.21	10.9	868	17.0	1353	120
EEC N40SH	38-41	302-326	12.4-12.8	1.24-1.28	11.8	939	20.0	1592	150
EEC N35SH	33-36	263-287	11.7-12.1	1.17-1.21	11.0	876	20.0	1582	150
EEC N33UH	31-34	247-271	11.3-11.7	1.13-1.17	10.7	852	25.0	1990	180
EEC N30UH	28-31	223-247	10.8-11.3	1.08-1.13	10.2	812	25.0	1990	180
EEC N30EH	28-31	223-247	10.8-11.3	1.08-1.13	10.2	812	30.0	2388	200
EEC N28EH	26-29	207-231	10.4-10.9	1.04-1.09	9.8	780	30.0	2388	200

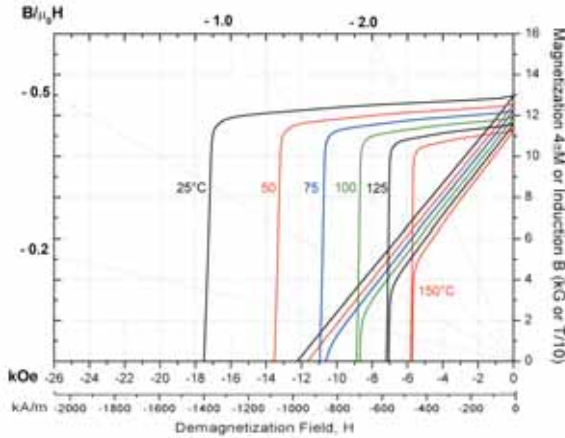
Detailed second quadrant demagnetization curves and additional design data available at www.electronenergy.com



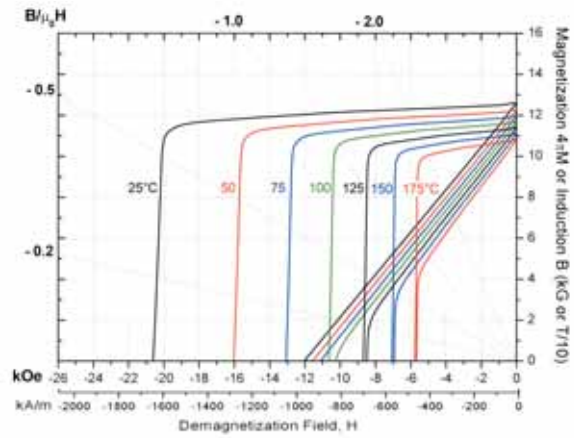
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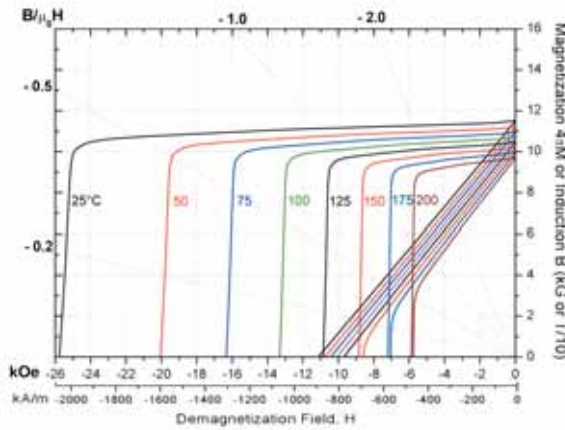
EEC N42H



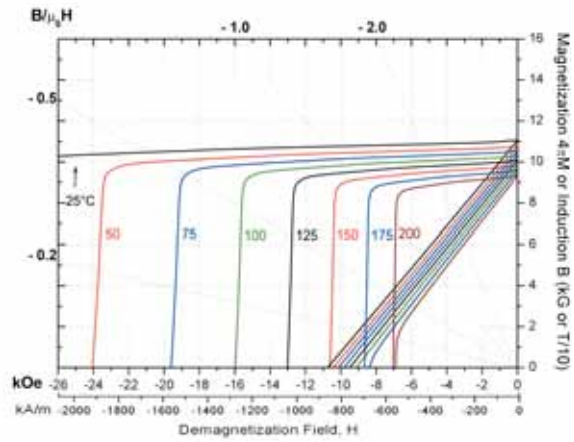
EEC N40SH



EEC N33UH



EEC N30EH



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