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Grade		NEOBM 2	NEOBM 4	NEOBM 6	NEOBM 8	NEOBM 8H	NEOBM 8SR	NEOBM 8L	NEOBM 10	NEOBM 10H	NEOBM 12	NEOBM 12D	NEOBM 12L
Br	mT	300-400	400-500	500-600	600-680	600-650	600-650	600-680	680-730	700-750	720-770	720-770	760-810
Residual induction	KGs	3.0-4.0	4.0-5.0	5.0-6.0	6.0-6.8	6.0-6.5	6.0-6.5	6.0-6.8	6.8-7.3	7.0-7.5	7.2-7.7	7.2-7.7	7.6-8.1
Hcb	KAlm	160-240	240-320	320-400	360-440	400-480	400-480	400-480	400-480	400-480	440-520	440-520	400-480
Coercive force	KOe	2.0-3.0	3.0-4.0	4.0-5.0	4.5-5.5	5.0-6.0	5.0-6.0	5.0-6.0	5.0-6.0	5.0-6.0	5.5-6.5	5.5-6.5	5.0-6.0
Hci	KAlm	480-640	560-720	560-720	640-800	1040-1360	800-1120	640-800	640-800	640-800	720-880	720-880	480-640
Intrinsic coercive force	KOe	6.0-8.0	7.0-9.0	7.0-9.0	8.0-10.0	13.0-17.0	10.0-14.0	8.0-10.0	8.0-10.0	8.0-10.0	9.0-11.0	9.0-11.0	6.0-8.0
BHmax	KJ/m ³	16-24	32-44	48-60	60-72	60-68	60-68	64-72	76-84	80-88	88-96	88-96	88-96
Maximum energy	MGOe	2.0-3.0	4.0-5.5	6.0-7.5	7.5-9.0	7.5-8.5	7.5-8.5	8.0-9.0	9.5-10.5	10.0-11.0	11.0-12.0	11.0-12.0	11.0-12.0
μ r	μH/M	1.2	12	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Recoil Permeability													
Average reversible Temperature coefficient	%/°C	-0.11	-0.11	-0.11	-0.11	-0.12	-0.13	-0.12	-0.10	-0.10	-0.10	-0.10	-0.11
Tc	°C	350	350	350	350	300	300	300	350	350	350	400	320
Curie temperature													
Max. operating temperature	°C	160	160	160	160	160	180	160	160	160	160	170	150
Saturation magnetizing force	KAlm	> 1600	> 1600	> 1600	> 1600	> 2400	> 2000	> 1600	> 1600	> 1600	> 1600	> 2000	> 1600
	KOe	> 20	>20	> 20	> 20	>30	>25	>20	>20	> 20	>20	>25	> 20
Density	g/cm ³	4.5-5.0	5.2-5.7	5.5-6.0	5.8-6.1	5.8-6.1	5.8-6.1	5.8-6.1	5.8-6.1	6.0-6.3	6.0-6.3	6.0-6.3	6.0-6.3
Hardness	HRB	40-45	40-45	40-45	35-38	35-38	35-38	35-38	35-38	35-38	35-38	35-38	35-38

Nuova Gradazione New Grade NEOBM-73L	Br Induzione residua Residual induction		HcB Forza Coercitiva Coercive force		HcJ Forza Coercitiva Intrinseca Intrinsic Coercitive Force		BHmax Prodotto energia max Max energy product		T max di funzionamento Max. Operating Time	Coef T reversibile Med Average reversible T coef
	KGs	mT	KOe	KA/m	KOe	KA/m	NGOe	KJ/m ³	°C	%°C
	7.8-8.3	780-830	5-6	1400-48	6-8	480 - 640	11 - 13	188 - 104	150	-0,11

b : B - H curve

