

JDM No-HRE Sintered NdFeB Performance

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Material	Grade	Parameters 性能							Note
		Br	Hcb	Hcj	(BH)max	Temperature Coefficient		Tw	
		mT(kGs)	kA/m(kOe)	kA/m(kOe)	kJ/m ³ (MGOe)	αBr %/°C	βHcj %/°C	°C	
	N35	1180-1230 (11.8-12.3)	≥876 (≥11)	≥960 (≥12)	263-287 (33-36)	0.11-0.13	0.60-0.75	80	Dy/Tb-free
	N38	1230-1260 (12.3-12.6)	≥899 (≥11.3)	≥960 (≥12)	287-310 (36-39)	0.11-0.13	0.60-0.75	80	Dy/Tb-free
	N40	1260-1290 (12.6-12.9)	≥912 (≥11.5)	≥960 (≥12)	302-326 (38-41)	0.11-0.13	0.60-0.75	80	Dy/Tb-free
	N42	1290-1330 (12.9-13.3)	≥923 (≥11.6)	≥960 (≥12)	318-342 (40-43)	0.11-0.13	0.60-0.75	80	Dy/Tb-free
	N45	1330-1370 (13.3-13.7)	≥931 (≥11.7)	≥960 (≥12)	342-366 (43-46)	0.11-0.13	0.60-0.75	80	Dy/Tb-free
	N48	1370-1400 (13.7-14.0)	≥939 (≥11.8)	≥960 (≥12)	366-390 (46-49)	0.11-0.13	0.60-0.75	80	Dy/Tb-free
	N50	1400-1430 (14.0-14.3)	≥947 (≥11.9)	≥960 (≥12)	382-406 (48-51)	0.11-0.13	0.60-0.75	80	Dy/Tb-free
	N52	1430-1460 (14.3-14.6)	≥947 (≥11.9)	≥960 (≥12)	398-422 (50-53)	0.11-0.13	0.60-0.75	80	Dy/Tb-free
	N55	1460-1500 (14.6-15.0)	≥860 (≥10.8)	≥960 (≥12)	414-446 (52-56)	0.11-0.13	0.60-0.75	80	Dy/Tb-free
M	35M	1180-1230 (11.8-12.3)	≥899 (≥11.3)	≥1114 (≥14)	263-287 (33-36)	0.11-0.13	0.60-0.70	100	Dy/Tb-free
	38M	1230-1260 (12.3-12.6)	≥923 (≥11.6)	≥1114 (≥14)	287-310 (36-39)	0.11-0.13	0.60-0.70	100	Dy/Tb-free
	40M	1260-1290 (12.6-12.9)	≥947 (≥11.9)	≥1114 (≥14)	302-326 (38-41)	0.11-0.13	0.60-0.70	100	Dy/Tb-free
	42M	1290-1330 (12.9-13.3)	≥971 (≥12.2)	≥1114 (≥14)	318-342 (40-43)	0.11-0.13	0.60-0.70	100	Dy/Tb-free
	45M	1330-1370 (13.3-13.7)	≥1002 (≥12.6)	≥1114 (≥14)	342-366 (43-46)	0.11-0.13	0.60-0.70	100	Dy/Tb-free
	48M	1370-1400 (13.7-14.0)	≥1027 (≥12.9)	≥1114 (≥14)	366-390 (46-49)	0.11-0.13	0.60-0.70	100	Dy/Tb-free
	50M	1400-1430 (14.0-14.3)	≥1035 (≥13.0)	≥1114 (≥14)	382-406 (48-51)	0.11-0.13	0.60-0.70	100	Dy/Tb-free
	52M	1430-1460 (14.3-14.6)	≥995 (≥12.5)	≥1114 (≥14)	398-422 (50-53)	0.11-0.13	0.60-0.70	100	Dy/Tb-free
	N54M	1450-1460 (14.3-14.6)							Dy/Tb-free
	30H	1080-1140 (10.8-11.4)	≥827 (≥10.4)	≥1353 (≥17)	223-247 (28-31)	0.11-0.12	0.60-0.62	120	Dy/Tb-free
	33H	1140-1180 (11.4-11.8)	≥860 (≥10.8)	≥1353 (≥17)	247-271 (31-34)	0.11-0.12	0.60-0.62	120	Dy/Tb-free

H	35H	1180-1230 (11.8-12.3)	≥899 (≥11.3)	≥1353 (≥17)	263-287 (33-36)	0.11-0.12	0.60-0.62	120	Dy/Tb-free
	38H	1230-1260 (12.3-12.6)	≥923 (≥11.6)	≥1353 (≥17)	287-310 (36-39)	0.11-0.12	0.60-0.62	120	Dy/Tb-free
	40H	1260-1290 (12.6-12.9)	≥947 (≥11.9)	≥1353 (≥17)	302-326 (38-41)	0.11-0.12	0.60-0.62	120	Dy/Tb-free
	42H	1290-1330 (12.9-13.3)	≥971 (≥12.2)	≥1353 (≥17)	318-342 (40-43)	0.11-0.12	0.60-0.62	120	Dy/Tb-free
	45H	1330-1370 (13.3-13.7)	≥1003 (≥12.6)	≥1353 (≥17)	342-366 (43-46)	0.11-0.12	0.60-0.62	120	Dy/Tb-free
	48H	1370-1400 (13.7-14.0)	≥1035 (≥13.0)	≥1353 (≥17)	366-390 (46-49)	0.11-0.12	0.60-0.62	120	Dy/Tb-free
	50H	1400-1430 (14.0-14.3)	≥1058 (≥13.3)	≥1353 (≥17)	382-406 (48-51)	0.11-0.12	0.60-0.62	120	Dy/Tb-free
	52H	1430-1460 (14.3-14.6)	≥1074 (≥13.5)	≥1274 (≥16)	398-422 (50-53)	0.11-0.12	0.60-0.62	110	Dy/Tb-free
	N54H	1430-1460 (14.3-14.6)	≥1074 (≥13.5)	≥1274 (≥16)	398-422 (50-53)	0.11-0.12	0.60-0.62	110	Dy/Tb-free
SH	30SH	1080-1140 (10.8-11.4)	≥827 (≥10.4)	≥1592 (≥20)	223-247 (28-31)	0.11-0.12	0.50-0.60	150	Dy/Tb-free
	33SH	1140-1180 (11.4-11.8)	≥860 (≥10.8)	≥1592 (≥20)	247-271 (31-34)	0.11-0.12	0.50-0.60	150	Dy/Tb-free
	35SH	1180-1230 (11.8-12.3)	≥899 (≥11.3)	≥1592 (≥20)	263-287 (33-36)	0.11-0.12	0.50-0.60	150	Dy/Tb-free
	38SH	1230-1260 (12.3-12.6)	≥923 (≥11.6)	≥1592 (≥20)	287-310 (36-39)	0.11-0.12	0.50-0.60	150	Dy/Tb-free
	40SH	1260-1290 (12.6-12.9)	≥947 (≥11.9)	≥1592 (≥20)	302-326 (38-41)	0.11-0.12	0.50-0.60	150	Dy/Tb-free
	42SH	1290-1330 (12.9-13.3)	≥971 (≥12.2)	≥1592 (≥20)	318-342 (40-43)	0.11-0.12	0.50-0.60	150	Dy/Tb-free
	45SH	1330-1370 (13.3-13.7)	≥1003 (≥12.6)	≥1592 (≥20)	342-366 (43-46)	0.11-0.12	0.50-0.60	150	Dy/Tb-free
	48SH	1370-1400 (13.7-14.0)	≥1035 (≥13.0)	≥1592 (≥20)	366-390 (46-49)	0.11-0.12	0.50-0.60	150	Dy/Tb-free