

TYPE	OVERALL DIMENSIONS (mm)		STRIP WIDTH (mm)		BUILD UP (mm)		WINDOW (mm)		RADIUS (mm)	LENGTH OF FLUX PATH (mm)	EFFECTIVE CORE CROSS SECTION (mm ²)		NOMINAL WEIGHT (g)	
	A	B	D	D	E	E	F	G			A _c	A _c	W _t	W _t
DIN 41309 SM range	max	max	min	max	min		min		max	mean	0.30mm	0.10mm	0.30mm	0.10mm
SM 30a	14.3	28.6	6.5	7.0	3.0	3.5	7.0	21.0	1.0	66.2	18.5	17.9	9.4	9.1
SM 30b			10.5	11.0							29.9	29.0	15.2	14.7
SM 42	21.8	43.6	14.5	15.2	5.2	6.0	9.5	31.0	1.5	98.2	71.6	69.4	53.8	52.1
SM 55	28.4	56.3	20.0	20.8	7.7	8.5	11.0	38.5		124.3	146.3	141.7	139.1	134.7
SM 65	33.2	65.6	26.2	27.0	9.0	9.9	13.0	45.0		145.7	224.0	216.9	249.7	241.8
SM 74	37.7	74.6	31.5	32.5	10.5	11.4	14.5	51.0		165.4	314.2	304.3	397.6	385.1
SM 85a	43.2	85.6	31.5	32.5	13.4	14.4	14.0	56.0	2.0	183.0	401.0	388.3	561.3	543.6
SM 85b			44.5	45.5						566.5	548.6	793.0	767.9	
SM 102a	51.9	103.0	34.5	35.5	15.9	16.9	17.5	68.0	2.0	222.4	521.1	504.7	886.7	858.7
SM 102b			51.5	52.6						777.9	753.3	1323.7	1281.9	

CORE DESIGNATION	Bm=1.7T f=50Hz				CORE DESIGNATION	Bm=1.5T f=400Hz	Bm=1.0T f=400Hz	Bm=1.5T f=400Hz	Bm=1.0T f=400Hz
	TOTAL EXCITATION (VA)		TOTAL LOSSES (W)			TOTAL EXCITATION (VA)		TOTAL LOSSES (W)	
	GRADE A	GRADE AA	GRADE A	GRADE AA		GRADE H	GRADE HH	GRADE H	GRADE HH
30 SM 30a	0.21	0.12	0.02	0.02	10 SM 30a	1.48	0.25	0.20	0.09
30 SM 30b	0.34	0.19	0.03	0.03	10 SM 30b	2.39	0.41	0.32	0.15
30 SM 42	1.00	0.56	0.11	0.10	10 SM 42	6.27	1.13	1.15	0.52
30 SM 55	2.33	1.32	0.28	0.25	10 SM 55	13.73	2.60	2.96	1.35
30 SM 65	3.94	2.25	0.50	0.45	10 SM 65	22.18	4.36	5.32	2.42
30 SM 74	6.01	3.45	0.80	0.72	10 SM 74	32.64	6.60	8.47	3.85
30 SM 85a	8.21	4.74	1.12	1.01	10 SM 85a	43.40	8.98	11.96	5.44
30 SM 85b	11.60	6.69	1.59	1.43	10 SM 85b	61.31	12.69	16.89	7.68
30 SM 102a	12.26	7.13	1.77	1.60	10 SM 102a	61.54	13.34	18.89	8.59
30 SM 102b	18.30	10.65	2.65	2.38	10 SM 102b	91.87	19.91	28.20	12.82