

E- Cores

TYPE	OVERALL DIMENSIONS (mm)		STRIP WIDTH (mm)		BUILD UP (mm)		WINDOW (mm)		RADIUS (mm)	EFFECTIVE CORE CROSS SECTION (mm ²)		NOMINAL WEIGHT (g)	
	A max	B max	D min	D max	E min	E max	F min	G min		Ac, min		Wt, min	
FA RANGE									R max	0.30mm	0.10mm	0.30mm	0.10mm
EA 8			7.9	8.7					1.6	60,0	58.1	77,7	75.3
EA 13	53.0	45.0	12.7	13.5	8.0	8.8	13.0	25.0		96,5	93.5	125,0	121.0
EA 16			15.9	16.7						120,8	117.0	156,4	151.5
EB 10			9.5	10.3						90,3	87.4	146,4	141.8
EB 13			12.7	13.5						120,7	116.8	195,7	189.6
EB 16	65.0	56.0	15.9	16.7	10.0	10.8	16.0	32.0		151,1	146.3	245,0	237.3
EB 19			19.0	19.8						180,5	174.8	292,8	283.6
EB 22			22.2	23.0						210,9	204.2	342,2	331.4
EC 13			12.7	13.5						153,2	148.4	300,2	290.7
EC 16	79.5	67.5	15.9	16.7	12.7	13.5	19.0	38.1		191,8	185.8	375,8	363.9
EC 19			19.0	19.8						229,2	222.0	449,0	434.9
EC 25			25.4	26.2						306,5	296.8	600,3	581.4
ED 25	92.0	79.6	25.4	26.2	15.6	16.6	20.6	44.4		376,4	364.5	853,1	826.2
EF 29	95.2	86.2	28.6	29.4	15.6	16.6	22.2	50.8		423,9	410.5	1044,2	1011.2
EH 32	111.1	99.0	31.7	32.5	18.8	19.8	25.4	57.2		566,2	548.3	1583,4	1533.4
EK 32	127.0	111.8	31.7	32.5	22.0	23.0	28.6	63.5		662,5	641.6	2093,4	2027.3
EM 32	148.4	130.8	31.7	32.5	25.1	26.1	34.9	76.2	755,9	162.0	2840,5	2750.8	
EP 32	174.2	156.6	31.7	32.5	31.5	32.5	38.1	88.9	948,6	918.7	4166,5	4034.9	
ER 38	206.0	175.9	38.1	38.9	37.8	39.0	44.4	95.3	1368,2	1325.0	6804,9	6590.0	
ET 41	222.2	195.3	41.3	42.1	41.0	42.2	47.6	108.0	1608,6	1557.8	8827,4	8548.6	
EV 48	254.7	221.5	47.6	48.4	47.4	48.9	54.0	120.7	2143,4	2075.7	13340,0	12920.0	
EX 54	286.8	241.3	54.0	55.6	53.7	55.2	60.3	127.0	2754,8	2667.8	18760,0	18170.0	
EZ 60	326.1	268.2	60.3	61.9	60.1	61.8	69.9	140.0	3442,8	3334.1	26370,0	25540.0	

CORE DESIGNATION	Bm=1.7T, f=50Hz		CORE DESIGNATION	Bm=1.5T, f=400Hz	
	TOTAL EXCITATION (VA)	TOTAL LOSSES (W)		TOTAL EXCITATION (VA)	TOTAL LOSSES (W)
30 EA 8	2.40	0.19	10 EA 8	8.83	1.99
30 EA 13	3.85	0.30	10 EA 13	14.20	3.19
30 EA 16	4.83	0.38	10 EA 16	17.78	4.00
30 EB 10	3.90	0.35	10 EB 10	14.26	3.74
30 EB 13	5.22	0.47	10 EB 13	19.06	5.00
30 EB 16	6.53	0.59	10 EB 16	23.86	6.27
30 EB 19	7.80	0.70	10 EB 19	28.51	7.49
30 EB 22	9.12	0.82	10 EB 22	33.32	8.75
30 EC 13	7.15	0.72	10 EC 13	25.95	7.67
30 EC 16	8.95	0.90	10 EC 16	32.48	9.61
30 EC 19	10.69	1.08	10 EC 19	38.82	11.48
30 EC 25	14.29	1.44	10 EC 25	51.89	15.35
30 ED 25	18.72	2.05	10 ED 25	67.70	21.81
30 EF 29	21.93	2.51	10 EF 29	79.12	26.70
30 EH 32	31.19	3.80	10 EH 32	112.27	40.48
30 EK 32	38.94	5.02	10 EK 32	139.85	53.52
30 EM 32	49.01	6.82	10 EM 32	175.64	72.62
30 EP 32	67.60	10.00	10 EP 32	242.07	106.52
30 ER 38	105.58	16.33	10 ER 38	377.97	173.98
30 ET 41	132.53	21.19	10 ET 41	474.52	225.68
30 EV 48	192.65	32.02	10 EV 48	690.17	341.13
30 EX 54	264.01	45.03	10 EX 54	946.42	479.72
30 EZ 60	359.64	63.29	10 EZ 60	1290.60	674.21

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	A	B	D	D	E	E	F	G		Ac, min		Wt, min	
S3U RANGE	max	max	min	max	min	max	min	min	max	0.30mm	0.10mm	0.30mm	0.10mm
S3U 30a	50.9	53.7	9.5	10.1	9.1	9.9	10.0	32.5	1,5	82,1	80.0	116,2	113
S3U 30b			15.5	16.1						134,0	130.9	189,6	184
S3U 39a	66.0	68.9	12.5	13.4	12.1	12.9	13.0	41.5		143,7	139.1	262,8	253
S3U 39b			19.5	20.4						224,2	217.0	410,0	395
S3U 48a	80.8	83.9	15.6	16.6	14.9	15.8	16.0	50.5		220,8	213.7	494,4	476
S3U 48b			24.6	25.6						348,2	337.0	779,6	753
S3U 60a	100.9	104.6	19.5	20.6	18.9	19.8	20.0	63.0	2,0	350,1	338.9	977,3	917
S3U 60b			29.5	30.6						529,7	512.7	1478,5	1426
S3U 75a	125.7	129.7	25.0	26.1	23.7	24.7	25.0	78.0		562,9	544.9	1956,7	1765
S3U 75b			40.0	41.1						900,6	871.8	3130,7	2842
S3U 90a	150.6	156.8	29.5	30.9	28.5	29.6	30.0	95.0	3,0	798,7	773.1	3345,1	3230
S3U 90b			49.5	50.9						1340,2	1297.3	5613,0	5422
S3U 102a	171.1	176.4	34.0	35.4	32.5	33.7	34.0	106.0		1049,8	1016.2	4957,0	4792
S3U 102b			55.0	56.4						1698,1	1643.8	8018,7	7760
S3U 114a	191.0	196.2	37.5	39.2	36.3	37.6	38.0	118.0		1293,2	1251.8	6813,0	6586
S3U 114b			61.5	63.2						2120,8	2052.9	11170,0	10806
S3U 132a	220.5	226.4	43.5	45.2	42.0	43.4	44.0	136.0		1735,7	1680.2	10570,0	10224
S3U 132b			69.5	71.2						2773,0	2684.2	16890,0	16335
S3U 150a	249.6	255.6	49.5	51.2	47.9	49.4	50.0	154.0		2252,5	2180.4	15540,0	15064
S3U 150b			74.5	76.2						3390,1	3281.6	23390,0	22678
S3U 168a	279.6	286.0	55.0	57.0	53.7	55.3	56.0	172.0	2805,8	2716.0	21670,0	21030	
S3U 168b			89.0	91.0					4540,3	4395.0	35070,0	34018	
S3U 180a			60.0	62.0					3300,3	3194.4	27370,0	26559	
S3U 180b	301.0	307.2	75.0	77.0	57.9	59.7	60.0	184.0	4125,4	3993.3	34210,0	33203	
S3U 180c			90.0	92.0					4950,5	4792.1	41050,0	39838	
S3U 210a			69.5	71.7					4463,3	4320.5	43130,0	41826	
S3U 210b	350.8	357.2	99.5	101.7	67.6	69.6	70.0	214.0	6389,9	6185.4	61740,0	59888	
S3U 210c			129.5	131.7					8316,5	8050.4	80360,0	77940	

CORE DESIGNATION	Bm=1.7T, f=50Hz		CORE DESIGNATION	Bm=1.5T, f=400Hz	
	TOTAL EXCITATION	TOTAL LOSSES		TOTAL EXCITATION	TOTAL LOSSES
	(VA)	(W)		(VA)	(W)
30 S3U 30a	3.38	0.28	10 S3U 30a	12.42	2.98
30 S3U 30b	5.51	0.46	10 S3U 30b	17.94	3.01
30 S3U 39a	6.51	0.63	10 S3U 39a	23.63	6.68
30 S3U 39b	10.16	0.98	10 S3U 39b	36.88	10.4
30 S3U 48a	10.92	1.19	10 S3U 48a	39.43	12.6
30 S3U 48b	17.22	1.87	10 S3U 48b	62.21	19.9
30 S3U 60a	19.27	2.35	10 S3U 60a	68.29	24.2
30 S3U 60b	29.15	3.55	10 S3U 60b	104.7	37.6
30 S3U 75a	34.89	4.70	10 S3U 75a	120.4	46.6
30 S3U 75b	55.82	7.51	10 S3U 75b	193.2	75.0
30 S3U 90a	55.27	8.03	10 S3U 90a	197.5	85.3
30 S3U 90b	92.74	13.47	10 S3U 90b	331.8	143
30 S3U 102a	78.33	11.90	10 S3U 102a	280.6	127
30 S3U 102b	126.70	19.24	10 S3U 102b	453.0	205
30 S3U 114a	103.66	16.35	10 S3U 114a	370.5	174
30 S3U 114b	170.01	26.82	10 S3U 114b	608.9	285
30 S3U 132a	153.60	25.36	10 S3U 132a	549.7	270
30 S3U 132b	245.40	40.52	10 S3U 132b	877.8	431
30 S3U 150a	217.87	37.29	10 S3U 150a	862.0	398
30 S3U 150b	327.91	56.13	10 S3U 150b	1177	599
30 S3U 168a	294.96	52.02	10 S3U 168a	1060	555
30 S3U 168b	477.29	84.17	10 S3U 168b	1715	898
30 S3U 180a	366.01	65.69	10 S3U 180a	1317	701
30 S3U 180b	457.51	82.11	10 S3U 180b	1647	877
30 S3U 180c	549.01	98.53	10 S3U 180c	1975	1052
30 S3U 210a	557.17	103.51	10 S3U 210a	2007	1104
30 S3U 210b	797.68	148.19	10 S3U 210b	2874	1581
30 S3U 210c	1038.19	192.87	10 S3U 210c	3740	2058