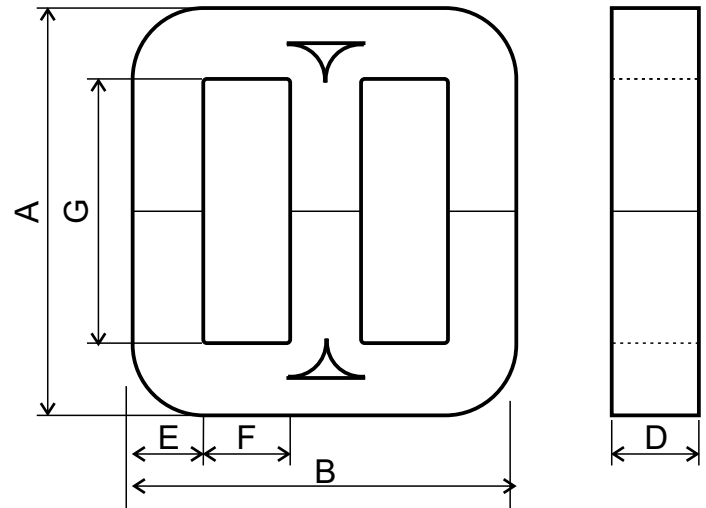
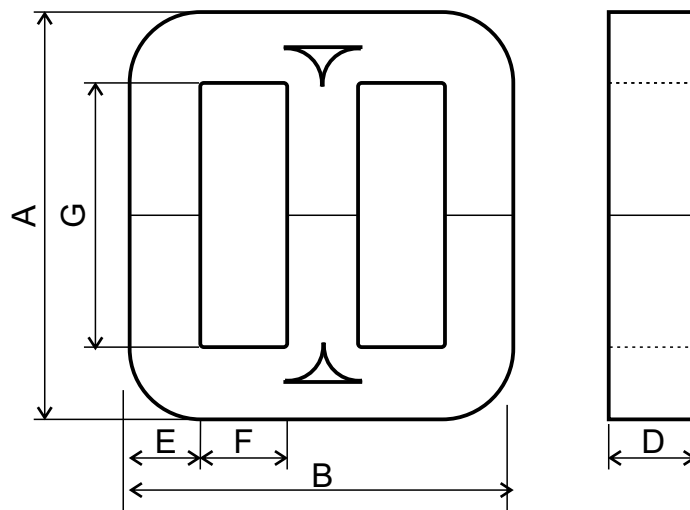


E Core British HWE



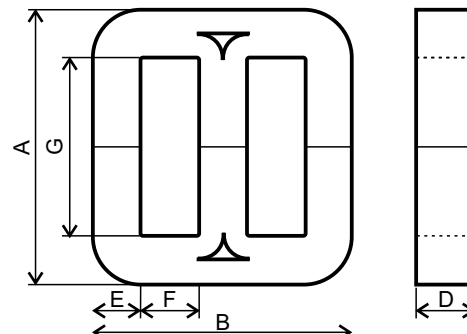
British Standard	British Size	Dimension (mm)									Cross section		Weight		Approx V.A.	
		G	F	A	B	D		E		R	k (cm ²)		M (Kg)		0.3mm	0.1mm
IEC329	HWE	min	min	max	max	min	max	min	max	max	0.3mm	0.1mm	0.3mm	0.1mm	50Hz	400Hz
3Q1	1	-	-	-	-	25	26	-	-	-	3.15	3.06	0.586	0.568	30	150
3Q2	2	44	21	82	94	25	26	16	17	1.6	3.88	3.76	0.840	0.813	45	250
3Q3	3	51	22	89	96	29	30	16	17	-	4.50	4.36	1.060	1.025	60	350
3Q4	4	57	25	101	111	32	33	19	20	3.0	5.90	5.72	1.565	1.520	100	600
3Q5	5	63	29	113	128	32	-	22	23	-	6.83	6.62	2.060	2.000	150	800
3Q6	6	76	35	132	149	32	-	25	26	-	7.76	7.52	2.790	2.705	250	1350
3Q7	7	89	38	159	176	32	-	32	33	-	9.93	9.63	4.200	4.075	400	2000
3Q8	8	95	44	177	203	38	39	38	39	-	14.01	13.57	6.680	6.470	700	3500
3Q9	9	108	48	196	223	41	42	41	42	-	16.31	15.80	8.620	8.350	1000	5000
3Q10	10	121	54	223	256	48	49	48	49	-	22.35	21.66	13.450	13.000	1700	8500
3Q11	11	127	60	241	286	54	55	54	55	-	28.29	27.41	18.500	17.950	2500	12500
3Q12	12	140	7	266	324	60	61	60	61	-	34.92	33.84	25.700	24.900	4000	20000
	13	29	14	51	60.4	12.7	13.5	9.3	10.0	0.8	1.1457	1.1102	0.170	0.160	8	40
	14	32	16	60	73.0	19.0	19.8	12.5	13.2	0.8	2.3038	2.2325	0.410	0.400	16	80

E Core Chinese HSD



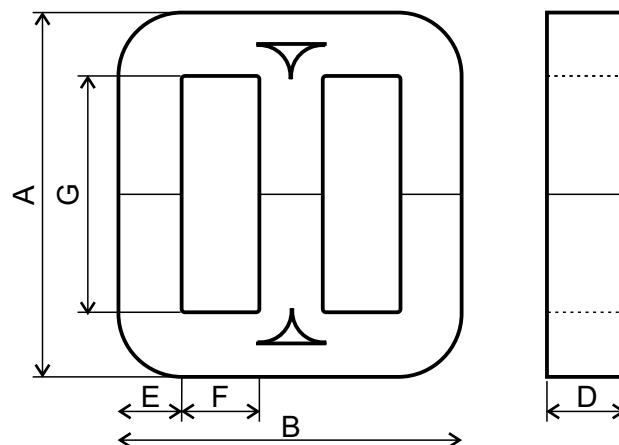
Code	Dimension (mm)									Flux path L(cm)	Cross section k (cm ²)	Weight Kg	Approx V.A. 0.3mm/50Hz
	G min	F min	A max	B max	D min max		E min max		R max				
HSD10×20×20	20	12.5	42	57.6	19.8	20.5	9.7	10.4	1.5	5.22	1.92	0.23	2.53
HSD10×20×25	25	-	47	-	-	-	-	-	-	5.72	-	0.25	3.69
HSD10×20×32	32	-	54	-	-	-	-	-	-	6.42	-	0.28	5.53
HSD10×20×40	40	-	62	-	-	-	-	-	-	7.22	-	0.32	7.36
HSD12.5×25×25	25	16.0	54	72.4	24.8	25.5	12.2	13.0	2.0	6.55	3.00	0.45	13.90
HSD12.5×25×32	32	-	61	-	-	-	-	-	-	7.25	-	0.50	20.10
HSD12.5×25×40	40	-	69	-	-	-	-	-	-	8.05	-	0.55	26.40
HSD12.5×25×50	50	-	79	-	-	-	-	-	-	9.05	-	0.62	35.40
HSD16×32×32	32	20.0	68	91.1	31.8	32.6	15.7	16.5	2.0	8.36	4.92	0.95	47.20
HSD16×32×40	40	-	76	-	-	-	-	-	-	9.16	-	1.03	67.70
HSD16×32×50	50	-	86	-	-	-	-	-	-	10.20	-	1.14	93.40
HSD16×32×64	64	-	100	-	-	-	-	-	-	11.60	-	1.30	127.00
HSD20×32×40	40	25.0	86	113.4	31.8	32.6	19.7	20.6	2.0	10.50	6.14	1.49	143.00
HSD20×32×50	50	-	96	-	-	-	-	-	-	11.50	-	1.63	184.00
HSD20×32×64	64	-	110	-	-	-	-	-	-	12.90	-	1.83	225.00
HSD20×32×80	80	-	126	-	-	-	-	-	-	14.50	-	2.05	281.00
HSD25×40×50	50	32.0	106	142.8	39.8	40.6	24.7	25.6	3.0	13.20	9.60	2.91	302.00
HSD25×40×64	64	-	120	-	-	-	-	-	-	14.60	-	3.22	370.00
HSD25×40×80	80	-	136	-	-	-	-	-	-	16.20	-	3.57	457.00
HSD25×40×100	100	-	156	-	-	-	-	-	-	18.20	-	4.01	556.00
HSD32×50×64	64	40.0	134	180.4	49.8	50.6	31.7	32.8	2.5	16.80	15.36	5.95	720.00
HSD32×50×80	80	-	150	-	-	-	-	-	-	18.40	-	6.51	839.00
HSD32×50×100	100	-	170	-	-	-	-	-	-	20.40	-	7.22	1038.00
HSD32×50×125	125	-	195	-	-	-	-	-	-	22.90	-	8.10	1275.00
HSD40×64×80	80	50.0	168	224.4	63.8	64.7	39.7	40.8	3.0	21.10	24.58	11.89	1600.00
HSD40×64×100	100	-	188	-	-	-	-	-	-	23.10	-	13.01	1963.00
HSD40×64×125	125	-	213	-	-	-	-	-	-	25.60	-	14.42	2396.00
HSD40×64×160	160	-	248	-	-	-	-	-	-	29.10	-	16.40	3006.00
HSD50×80×100	100	64.0	208	282.8	79.8	80.7	49.7	50.8	3.0	26.60	38.40	23.43	3550.00
HSD50×80×125	125	-	233	-	-	-	-	-	-	29.10	-	25.60	4283.00
HSD50×80×160	160	-	268	-	-	-	-	-	-	32.60	-	28.72	5296.00
HSD50×80×200	200	-	308	-	-	-	-	-	-	36.60	-	32.24	6366.00

E Core Chinese BSD



Code	Dimension (mm)									Flux path L(cm)	Cross section		Weight		Approx V.A.	
	G	F	A	B	D		E		R		k (cm ²)		M (Kg)		0.2mm	0.1mm
	min	min	max	max	min	max	min	max	max		0.2mm	0.1mm	0.2mm	0.1mm	50Hz	400Hz
BSD8×12.5×16	16	10.0	34	46.3	12.3	12.9	7.8	8.4	1.5	4.16	0.94	0.92	0.090	0.088	22.2	22.0
BSD8×12.5×20	20	-	38	-	-	-	-	-	-	4.56	-	-	0.098	0.096	36.3	35.8
BSD8×12.5×25	25	-	43	-	-	-	-	-	-	5.06	-	-	0.109	0.107	51.3	55.5
BSD8×12.5×32	32	-	50	-	-	-	-	-	-	5.72	-	-	0.125	0.128	67.0	68.2
BSD10×12.5×20	20	12.5	42	57.6	12.3	12.9	9.8	10.4	2.0	5.22	1.18	1.15	0.140	0.137	65.1	67.3
BSD10×12.5×25	25	-	47	-	-	-	-	-	-	5.72	-	-	0.154	0.151	80.0	82.6
BSD10×12.5×32	32	-	54	-	-	-	-	-	-	6.42	-	-	0.173	0.170	106.0	109.0
BSD10×12.5×40	40	-	62	-	-	-	-	-	-	7.22	-	-	0.194	0.190	132.0	135.0
BSD12.5×12.5×25	25	16.0	54	72.4	12.3	12.9	12.3	13.0	2.0	6.55	1.468	1.44	0.221	0.216	114.0	123.0
BSD12.5×12.5×32	32	-	61	-	-	-	-	-	-	7.25	-	-	0.225	0.239	139.0	150.0
BSD12.5×12.5×40	40	-	69	-	-	-	-	-	-	8.05	-	-	0.272	0.266	176.0	183.0
BSD12.5×12.5×50	50	-	79	-	-	-	-	-	-	9.05	-	-	0.304	0.298	221.0	231.0
BSD16×16×32	32	20.0	68	91.2	15.8	16.4	15.8	16.5	2.0	8.36	2.406	2.35	0.463	0.451	228.0	253.0
BSD16×16×40	40	-	76	-	-	-	-	-	-	9.16	-	-	0.508	0.495	282.0	301.0
BSD16×16×50	50	-	86	-	-	-	-	-	-	10.2	-	-	0.563	0.550	344.0	382.0
BSD16×16×64	64	-	100	-	-	-	-	-	-	11.6	-	-	0.640	0.625	442.0	488.0
BSD20×20×40	40	25.0	86	113.4	19.8	20.5	19.8	20.6	3.0	10.5	3.76	3.68	0.908	0.884	432.0	498.0
BSD20×20×50	50	-	96	-	-	-	-	-	-	11.5	-	-	0.995	0.969	537.0	614.0
BSD20×20×64	64	-	110	-	-	-	-	-	-	12.9	-	-	1.113	1.091	660.0	744.0
BSD20×20×80	80	-	126	-	-	-	-	-	-	14.5	-	-	1.251	1.220	780.0	891.0
BSD25×25×50	50	32.0	16	142.8	24.8	25.5	24.8	25.6	3.0	13.2	5.875	5.75	1.791	1.739	759.0	869.0
BSD25×25×64	64	-	120	-	-	-	-	-	-	14.6	-	-	1.982	1.922	948.0	1088.0
BSD25×25×80	80	-	136	-	-	-	-	-	-	16.2	-	-	2.194	2.138	1185.0	1343.0
BSD25×25×100	100	-	150	-	-	-	-	-	-	18.2	-	-	2.470	2.400	1424.0	1616.0
BSD32×32×64	64	40.0	136	180.4	31.8	32.6	31.8	32.8	3.0	16.8	9.625	9.42	3.732	3.618	1430.0	1626.0
BSD32×32×80	80	-	152	-	-	-	-	-	-	18.4	-	-	4.081	3.964	1751.0	1996.0
BSD32×32×100	100	-	172	-	-	-	-	-	-	20.4	-	-	4.526	4.396	2155.0	2453.0
BSD32×32×125	125	-	197	-	-	-	-	-	-	22.9	-	-	5.077	4.934	2651.0	3001.0
BSD40×40×80	80	50.0	168	224.4	39.8	40.6	39.8	40.8	3.0	21.1	15.04	14.70	7.293	7.117	2877.0	3314.0
BSD40×40×100	100	-	188	-	-	-	-	-	-	23.1	-	-	7.992	7.787	3487.0	4006.0
BSD40×40×125	125	-	213	-	-	-	-	-	-	25.6	-	-	8.851	8.629	4240.0	4849.0
BSD40×40×160	160	-	248	-	-	-	-	-	-	29.1	-	-	10.070	9.806	5744.0	6329.0
BSD50×50×100	100	64.0	208	282.4	49.8	50.6	49.8	50.8	3.0	26.6	23.5	23.00	14.416	14.040	6306.0	7193.0
BSD50×50×125	125	-	233	-	-	-	-	-	-	29.1	-	-	15.794	15.336	8078.0	8974.0
BSD50×50×160	160	-	268	-	-	-	-	-	-	32.6	-	-	17.490	17.172	9417.0	10664.0
BSD50×50×200	200	-	308	-	-	-	-	-	-	36.6	-	-	19.822	19.332	11530.0	13131.0

E Core European S3U 0.3mm material



Code	Dimension (mm)									Flux path L(cm)	Cross section k (cm ²)	Weight Kg	Approx V.A. 0.3mm/50Hz
	G min	F min	A max	B max	D max	Tol	E max	Tol	R max				
S3U30a	32.5	10.0	53.7	50.9	10.1	-0.6	9.9	-0.8	1.5		0.86	0.115	7
S3U30b	-	-	-	-	16.1	-	-	-	-		1.41	0.189	15
S3U39a	41.5	13.0	70.9	66.0	13.4	-0.9	12.9	-0.8	1.5		1.51	0.262	20
S3U39b	-	-	-	-	20.4	-	-	-	-		2.36	0.409	25
S3U48a	50.5	16.0	83.9	80.8	16.6	-1.0	15.8	-0.9	1.5		2.32	0.492	30
S3U48b	-	-	-	-	25.6	-	-	-	-		3.67	0.779	40
S3U60a	63	20.0	104.6	100.9	20.6	-1.1	19.8	-0.9	2.0		3.69	0.959	60
S3U60b	-	-	-	-	30.6	-	-	-	-		5.58	1.470	100
S3U75a	78	25.0	129.7	125.7	26.1	-1.1	24.7	-1.0	2.0		5.93	1.820	140
S3U75b	-	-	-	-	41.1	-	-	-	-		9.48	2.930	180
S3U90a	95	30.0	156.8	150.6	30.9	-1.4	29.6	-1.1	3.0		8.41	3.330	270
S3U90b	-	-	-	-	50.9	-	-	-	-		14.11	5.590	450
S3U102a	106	34.0	176.4	171.1	35.4	-1.4	33.7	-1.2	3.0		11.05	4.940	450
S3U102b	-	-	-	-	56.4	-	-	-	-		17.88	8.000	700
S3U114a	118	38.0	196.2	191.0	39.2	-1.7	37.6	-1.3	3.0		13.54	6.780	650
S3U114b	-	-	-	-	63.2	-	-	-	-		22.20	11.100	1000
S3U132a	136	44.0	226.4	220.5	45.2	-1.7	43.4	-1.4	3.0		18.27	10.500	1000
S3U132b	-	-	-	-	71.2	-	-	-	-		29.19	16.800	1800
S3U150a	154	50.0	255.6	249.6	51.2	-1.7	49.4	-1.5	3.0		23.71	15.500	2000
S3U150b	-	-	-	-	76.2	-	-	-	-		35.69	23.400	3000
S3U168a	172	56.0	286	279.6	57	-2.0	55.3	-1.6	3.0		29.54	21.700	3000
S3U168b	-	-	-	-	91	-	-	-	-		47.49	35.100	4000
S3U180a	184	60.0	307.2	301.0	62	-2.0	59.7	-1.8	3.0		34.74	27.400	3500
S3U180b	-	-	-	-	77	-	-	-	-		43.43	34.200	4500
S3U180c	-	-	-	-	92	-	-	-	-		52.11	41.100	5000
S3U210a	214	70.0	357.2	350.8	71.7	-2.2	69.6	-2.0	3.0		46.98	43.100	6000
S3U210b	-	-	-	-	101.7	-	-	-	-		67.26	61.700	8000
S3U210c	-	-	-	-	131.7	-	-	-	-		87.54	80.400	10000

These cores can also be supplied in 0.1mm material if requested.