

Dongguan JH Amorphous Co., Ltd.

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Amorphous C-core / U-core

Electromagnetic Characteristic

Density 7.18g/cm³

Curie Temperature T_c =410℃

Crystallization Temperature T_x =508℃

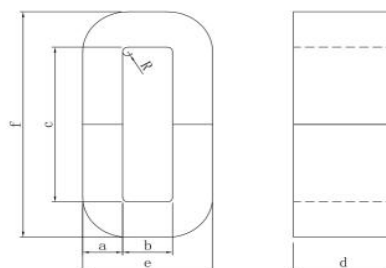
Saturation B_s= 1.56T

Electrical Resistivity P=130μΩ•cm

Saturation Magnetostriction λ_s=2~3

Work Temperature <130 °C

Ribbon Thickness <30 μm



a-core build b-window width c-window height d-core height

e-core width f-core length Le-length of magnetic path

Ae-Effective cross section area Aw-window area Weight-Weight in Grams

JH P/N	Core build (mm)		Window width (mm)	Window length (mm)	Core height (mm)		Core width (mm)		Core length (mm)		R angle	Mean path length (cm)	Effective cross-section area(cm ²)	Window area(cm ²)	Weight (g)
	a	±	b	c	d	±	e	±	f	±	R	Le	Ae	Aw	
JHAC 88	5.5	0.5	5.4	16.4	20	0.5	16.4	1	27.4	1.5	2.75	5.62	0.98	0.89	39
JHAC 154	8	0.5	14	31	40	1	30	1	47	1.5	2	11.17	2.85	4.34	228
JHAC 158	9	0.5	10	32.8	15	0.5	28	1	50.8	1.5	1	11.22	1.20	3.28	97
JHAC 160	9	0.5	11	33	15	0.5	29	1	51	1.5	1	11.46	1.20	3.63	99
JHAC 168	10	1.0	11	33	20	1.0	31	1	53	2	1	13.10	1.60	3.63	147
JHAC 174	11	1.0	13	30	20	1.0	35	1	52	2	1	13.20	1.80	3.90	165
JHAC 178	10	0.8	17	32	40	1	37	1	52	2	2	12.60	3.56	5.44	322
JHAC 186	11	0.8	17	32	40	1	39	1	54	2	2	12.91	3.92	5.44	363
JHAC 194 A	11	1.0	13	40	20	1.0	35	1	62	2	2	15.40	1.80	5.20	190
JHAC 194 B	11	1.0	13	40	25	1.0	35	1	62	2	2	15.10	2.30	5.20	240
JHAC 212	8	0.5	20	54	40	1	36	1	70	2	2	16.97	2.85	10.80	347
JHAC 214	11	1.0	13	50	25	1.0	35	1	72	2	2	16.90	2.30	6.50	270
JHAC 214	11	0.8	13	50	30	0.5	35	1	72	2	2	15.71	2.94	6.50	331
JHAC 215	11	0.8	13.6	50	30	0.5	35.6	1	72	2	2	15.83	2.94	6.80	334
JHAC 216	11	0.8	14	50	30	0.5	36	1	72	2	2	15.91	2.94	7.00	336
JHAC 222	11.7	0.8	14	50	30	0.5	37.4	1	73.4	2	2	16.13	3.12	7.00	362
JHAC 224	8	0.5	41	41	8	0.5	56	1	56	1	1	19.40	0.50	16.40	70
JHAC 232	12	0.5	25	42	12	0.5	50	1	66	2	1	18.40	1.30	10.50	170
JHAC 232	10	0.8	20	56	40	1	40	1	76	2	2	18.00	3.56	11.20	460
JHAC 240	15	0.8	15	45	70	1	45	1	75	2	2	16.37	9.35	6.75	1098
JHAC 246	13	1.0	15	56	25	1.0	41	1	82	2	2	19.60	2.70	8.40	360
JHAC 246	13	0.8	15	56	25	0.5	41	1	82	2	2	17.94	2.89	8.40	373
JHAC 246	13	1.0	15	56	30	1.0	41	1	82	2	2	20.00	3.20	8.40	435
JHAC 246	13	0.8	15	56	30	0.5	41	1	82	2	2	17.94	3.47	8.40	447
JHAC 246	13	0.8	15	56	35	1	41	1	82	2	2	17.94	4.05	8.40	522
JHAC 247	13	0.8	15.6	56	30	0.5	41.6	1	82	2	2	18.06	3.47	8.74	450
JHAC 248	13	0.8	15.3	56.6	30	0.5	41.3	1	82.6	2	2	18.12	3.47	8.66	452
JHAC 248	12	0.5	18	29	12	0.5	42	1	82	1	1	14.20	1.2	5.22	180
JHAC 248	13	0.8	16	56	35	1	42	1	82	2	2	18.14	4.05	8.96	527
JHAC 252	13.5	0.8	16	56	30	0.5	43	1	83	2	2	18.30	3.60	8.96	474
JHAC 254	16	1	20	43	45	1	52	1	75	2	2	17.28	6.41	8.60	795
JHAC 254	13.8	0.8	16	56	25	0.5	43.6	1	83.6	2	2	18.39	3.07	8.96	405
JHAC 256	13	0.8	15	61	30	0.5	41	1	87	2	2	18.94	3.47	9.15	472
JHAC 256	14	0.8	16	56	35	1	44	1	84	2	2	18.45	4.36	8.96	578
JHAC 258	16	1	20	45	30	0.5	52	1	77	2	2	17.68	4.27	9.00	542

JH P/N	Core build (mm)		Window width (mm)	Window length (mm)	Core height (mm)		Core width (mm)		Core length (mm)		R angle	Mean path length (cm)	Effective cross-section area(cm2)	Window area(cm²)	Weight (g)
	a	±	b	c	d	±	e	±	f	±	R	Le	Ae	Aw	
JHAC 264	16	1	20	48	45	1	52	1	80	2	2	18.28	6.41	9.60	841
JHAC 268	16	1	20	50	20	0.5	52	1	82	2	2	18.68	2.85	10.00	382
JHAC 276	15	0.5	23	56	15	0.5	53	1	85	1	2	21.70	1.80	12.88	280
JHAC 276	12	0.8	30	60	20	0.5	54	1	84	2	2	21.43	2.14	18.00	329
JHAC 282	14.4	0.8	31.2	52	30	0.5	60	1	80.8	2	2	20.82	3.84	16.22	575
JHAC 284	16	1	20	58	45	1	52	1	90	2	2	20.28	6.41	11.60	933
JHAC 288	16	1	20	60	35	1	52	1	92	2	2	20.68	4.98	12.00	740
JHAC 290	13	0.8	15	78	35	1	41	1	104	3	2	22.34	4.05	11.70	650
JHAC 298	16	1	40	45	20	0.5	72	1	77	2	2	21.68	2.85	18.00	443
JHAC 298	15.0	0.8	29.0	60.0	40	1.0	59.0	1	90.0	2	2	22.17	5.34	17.40	850
JHAC 300	12	0.5	50	52	12	0.5	75	1	75	2	2	25.40	1.30	26.00	230
JHAC 300	15	0.8	30	60	25	0.5	60	1	90	2	2	22.37	3.34	18.00	536
JHAC 302	14.4	0.8	31.2	62.0	30	0.5	60.0	1	90.8	2	2	22.82	3.84	19.34	630
JHAC 306	16	1	20	69	30	0.5	52	1	101	3	2	22.48	4.27	13.80	690
JHAC 308	16	1.0	20	70	25	1.0	52	1	102	3	2	24.90	3.30	14.00	565
JHAC 308	16	1	20	70	25	0.5	52	1	102	3	2	22.68	3.56	14.00	580
JHAC 308	16	1.0	20	70	30	1.0	52	1	102	3	2	25.30	3.90	14.00	688
JHAC 308	16	1	20	70	30	0.5	52	1	102	3	2	22.68	4.27	14.00	696
JHAC 308	16.0	1.0	20.0	70.0	40	1.0	52.0	1	102.0	3	2	22.68	5.70	14.00	928
JHAC 308	16	1.0	20	70	45	1.0	52	1	102	3	2	22.68	6.41	14.00	1044
JHAC 308	16	1.0	20	70.0	60	1.0	52	1	102.0	3	2	22.68	8.54	14.00	1392
JHAC 311	16	1.0	22	70.0	45	1.0	54	1	102.0	3	2	22.98	6.41	15.05	1057
JHAC 314	15	0.8	22	75	55	1.0	52	1	105	3	2	23.77	7.34	16.50	1253
JHAC 314	15.5	0.8	20.0	75.0	55	1.0	51.0	1	106.0	3	2	23.53	7.59	15.00	1282
JHAC 316	16	1	21	73	25	0.5	53	1	105	3	2	23.48	3.56	15.33	600
JHAC 316	16	1.0	21	73.0	40	1.0	53	1	105.0	3	2	23.48	5.70	15.33	960
JHAC 316	16.0	1.0	21.0	73.0	45	1.0	53.0	1	105.0	3	2	23.48	6.41	15.33	1080
JHAC 322	14.4	0.8	41.2	62	30	0.5	70	1	90.8	2	2	24.82	3.84	25.54	685
JHAC 328	16	1.0	25	75	45	1.0	57	1	107	3	2	24.68	6.41	18.75	1136
JHAC 338	20	1.0	26	63.0	30	0.5	66	1	103.0	3	2	23.74	5.34	16.38	910
JHAC 340	20.0	1.0	30.0	60.0	40	1.0	70.0	1	100.0	3	2	23.94	7.12	18.00	1224
JHAC 346	19	1.0	25	72.0	40	1.0	63	1	110.0	3	2	25.03	6.76	18.00	1215
JHAC 356	16.5	1.0	40.0	72.0	40	1.0	73.0	1	105.0	3	3	27.07	5.87	28.80	1142
JHAC 356	17	1.0	38	74	60	1.0	71	1	107	3	2	27.24	8.81	28.12	1723
JHAC 360	20	1.0	40	60	30	0.5	80	1	100	3	2	25.94	5.34	24.00	995
JHAC 360	20	1.0	20	80	55	1.0	60	1	120	3	2	25.94	9.79	16.00	1823
JHAC 360	20	1.0	30	70.0	60	1.0	70	1	110.0	3	2	25.94	10.68	21.00	1989
JHAC 364	11	0.8	15	125	40	1.0	36	1	146	3	3	30.78	3.74	18.75	826
JHAC 364	10.5	0.8	35.0	105.0	40	1.0	56.0	1	126.0	3	2	30.96	3.74	36.75	831
JHAC 366	20	1.0	21	82	55	1.0	61	1	122	3	2	26.54	9.79	17.22	1866
JHAC 368	19	1.0	25	83	35	1.0	63	1	121	3	2	27.23	5.92	20.75	1157
JHAC 368	19.0	1.0	25.0	83.0	40	1.0	63.0	1	121.0	3	2	27.23	6.76	20.75	1322
JHAC 368	19	1.0	25	83	50	1.0	63	1	121	3	2	27.23	8.46	20.75	1653
JHAC 368	14	0.8	35	93.0	68	1.0	63	1	121.0	3	2	29.65	8.51	32.55	1812
JHAC 370	20	1.0	20	85	25	0.5	60	1	125	3	2	26.94	4.45	17.00	861
JHAC 374	20.0	1.0	25.0	82.0	50	1.0	65.0	1	122.0	3	2	27.34	8.90	20.50	1747
JHAC 382 A	14	0.8	51	82.0	30	0.5	80	1	110.8	3	2	30.82	3.84	41.98	851
JHAC 382 B	19.0	1.0	25.0	90.0	60	1.0	63.0	1	128.0	3	2	28.63	10.15	22.50	2085
JHAC 384 A	20	1.0	33	80	20	1.0	72	1	120	2	2	30.50	3.20	26.00	710
JHAC 384 B	20	1.0	35	77	20	0.5	75	1	117	3	2	28.34	3.56	26.95	724
JHAC 384 C	13.0	1.0	35.0	105.0	65	1.0	61	1	131	3	2	31.74	7.52	36.75	1714
JHAC 384 D	17	1.0	40	84	90	1.5	74	1	118	3	2	29.80	13.62	33.60	2913
JHAC 396 A	24	1.0	25	78	40	1.0	72	1	125	3	2	27.70	8.44	19.50	1678
JHAC 396 B	12	0.8	45	105	15	0.5	69	1	129	3	2	33.43	1.60	47.25	384
JHAC 400 A	20	0.5	60	61	20	0.5	100	1	100	2	2	32.20	3.20	36.60	770
JHAC 400 B	25	1.0	35	65.0	30	0.5	85	1	115	3	2	27.51	6.68	22.75	1318
JHAC 404	25	1.0	25	78	40	1.0	74	1	127	2	3	27.84	8.79	19.50	1758
JHAC 411	20	1.0	35	90.5	70	1.0	75	1	130.5	3	3	30.87	12.46	31.68	2762
JHAC 414	22	1.0	35	84.0	25	0.5	79	1	128.0	3	2	30.37	4.90	29.40	1067
JHAC 416 A	12	0.5	66	95	15	0.5	89	1	119	2		36.90	1.40	62.23	400
JHAC 416 B	22	1.0	35	85.0	50	1.0	79	1	129.0	3	3	30.40	9.79	29.75	2137
JHAC 416 C	22	1.0	35	85	65	1.0	79	1	129	3	3	30.40	12.73	29.75	2778
JHAC 424	20	1.0	40	92	30	0.5	80	1	132	3	3	32.17	5.34	36.80	1233
JHAC 426	25	1.0	35	78	50	1.0	85	1	128	3	2	30.11	11.13	27.30	2405

JH P/N	Core build (mm)		Window width (mm)	Window length (mm)	Core height (mm)		Core width (mm)		Core length (mm)		R angle	Mean path length (cm)	Effective cross-section area(cm2)	Window area(cm²)	Weight (g)
	a	±	b	c	d	±	e	±	f	±	R	Le	Ae	Aw	
JHAC 440	20	1.0	35	105	20	0.5	75	1	145	3	2	33.94	3.56	36.75	868
JHAC 448	21	1.0	35	105	40	1.0	77	1	147	3	2	34.25	7.48	36.75	1839
JHAC 450 A	25	1.0	40	85.0	55	1.0	90	1	135.0	3	3	32.34	12.24	34.00	2841
JHAC 450 B	25	1.0	40	85.0	70	1.0	90	1	135.0	3	3	32.34	15.58	34.00	3616
JHAC 450 C	25	1.0	40	85	85	1.5	90	1	135	3	4	32.17	18.91	34.00	4368
JHAC 456	22	1.0	35	105	50	1.0	79	1	149	3	3	34.40	9.79	36.75	2418
JHAC 460	20	1.0	61	90	20	1.0	100		130	2	2	38.10	3.20	54.45	900
JHAC 470	20	1.0	45	111	20	1.0	85	1	150	2	2	39.20	3.20	49.95	920
JHAC 472	22	1.0	60	90	90	1.5	103	2	133	3	4	36.07	17.22	54.00	4460
JHAC 474	26	1.0	45	88.0	30	0.5	97	1	140.0	3	3	34.25	6.94	39.60	1707
JHAC 474	26	1.0	45	88	40	1.0	97	1	140	3	3	34.25	9.26	39.60	2276
JHAC 480 A	25	1.0	35	105	40	1.0	85	1	155	3	2	35.51	8.90	36.75	2269
JHAC 480 B	25	1.0	40	100	45	1.0	90	1	150	3	3	35.34	10.01	40.00	2541
JHAC 480 C	25.0	1.0	40.0	100.0	50	1.0	90.0	1	150.0	3	3	35.34	11.13	40.00	2823
JHAC 480 D	25.0	1.0	35.0	105.0	65	1.0	85.0	1	155.0	3	2	35.51	14.46	36.75	3687
JHAC 490	25.0	1.0	40.0	105.0	50	1.0	90.0	1	155.0	3	3	36.34	11.13	42.00	2903
JHAC 510 A	25	1.0	56	100	25	1.0	105	2	150	2	2	41.10	5.00	55.50	1390
JHAC 510 B	30	1.0	35	100	60	1.0	95	1	160	3	3	35.91	16.02	35.00	4130
JHAC 510 C	30	1.0	40	95	85	1.5	100	2	155	3	4	35.74	22.70	38.00	5824
JHAC 524	25	1.0	62	101	25	1.0	112	1	150	2	2	42.60	5.00	62.62	1590
JHAC 530	25		45	122	25	1.0	95	1	170	3	2	43.40	5.00	54.90	1690
JHAC 532	20	1.0	30	154	20	0.5	71	1	195	3	2	42.91	3.63	46.26	1119
JHAC 536	25.8	1.0	67.0	97.8	25	0.5	118.6	2	149.4	3	3	40.55	5.74	65.53	1671
JHAC 536	26	0.5	66	99	25	1.0	118	1	150	2	2	43.30	5.40	65.34	1690
JHAC 552	25	1.0	50	126.0	60	1.0	100	2	176.0	3	4	42.37	13.35	63.00	4061
JHAC 554	33	1.0	40	105	85	1.5	106	2	171	3	4	38.68	24.96	42.00	6933
JHAC 556 A	25	1.0	79	100	25	1.0	128	2	150	2	2	45.70	5.00	78.50	1750
JHAC 556 B	25	1.0	79	100	30	1.0	128	2	150	2	2	45.70	6.00	78.50	2050
JHAC 560	25	1.0	41	141	30	1.0	90	2	190	3	2	46.10	6.00	57.11	1950
JHAC 570	40	1.5	40	85.0	65	1.0	120	2	165.0	3	4	36.88	23.14	34.00	6127
JHAC 578	40.0	1.5	35.0	94.0	60	1.0	115.0	2	174.0	3	4	37.68	21.36	32.90	5779
JHAC 612	32.0	1.0	60.0	118.0	40	1.0	124.0	2	182.0	3	4	44.97	11.39	70.80	3678
JHAC 616	42	1.5	35	105.0	40	1.0	119	2	189.0	3	4	40.51	14.95	36.75	4349
JHAC 620	40.0	1.5	50.0	100.0	70	1.0	130.0	2	180.0	3	4	41.88	24.92	50.00	7493
JHAC 630	40	1.5	40	115	40	1.0	120	2	195	3	4	42.88	14.24	46.00	4384
JHAC 632	25	1.0	76	141	30	1.0	126	2	190	3	3	53.40	6.00	107.16	2330
JHAC 636	28	1.0	78	128.0	120	1.5	134	2	184.0	4	5	49.14	29.90	99.84	10550
JHAC 640	40	1.5	80	80	40	1.0	160	2	160	3	4	43.88	14.24	64.00	4486
JHAC 646	40	1.5	50	113	40	1.0	130	2	193	3	4	44.48	14.24	56.50	4548
JHAC 650	24	0.5	89	141	25	0.5	137	1	188	3	2	55.60	4.80	125.49	1920
JHAC 658	25	1.0	89	141	25	1.0	139	1	190	3	2	56.00	5.00	125.49	2030
JHAC 680	40	1.5	50	130	50	1.0	130	2	210	3	4	47.88	17.80	65.00	6119
JHAC 688 A	32	1.0	76	141	25	1.0	140	1	204	3	3	56.20	6.40	107.16	2560
JHAC 688 B	40	1.5	64	120	80	1.5	144	2	200	4	5	48.51	28.48	76.80	9919
JHAC 738	40	1.5	79	130.0	70	1.0	159	2	210.0	4	5	53.51	24.92	102.70	9574
JHAC 740	45	1.5	45	145.0	95	1.5	135	2	235.0	4	4	51.45	38.05	65.25	14055
JHAC 768	40.0	1.5	64.0	160.0	80	1.5	144.0	2	240.0	4	5	56.51	28.48	102.40	11555
JHAC 792	40	1.5	86	150	70	1.0	166	2	230	4	5	58.91	24.92	129.00	10540
JHAC 796	50	1.5	60	138	45	1.0	160	2	238	4	5	54.45	20.03	82.80	7829
JHAC 820	45	1.0	41	191	30	0.5	130	1	280	3	4	64.30	11.40	77.36	4916
JHAC 850	40	1.5	64	201	80	1.0	144	2	281	4	5	64.71	28.48	128.64	13232
JHAC 894	33	1.0	75	240	60	1.0	141	2	306	4	5	72.51	17.62	180.00	9174
JHAC 900	60.0	1.5	60.0	150.0	35	1.0	180.0	3	270.0	4	5	59.99	18.69	90.00	8050
JHAC 940	55	1.0	41	211	30	0.5	150		320	2	4	72.30	13.90	85.46	6730
JHAC 1000	75	1.5	50	150	142	1.5	200	3	300	4	5	62.70	94.79	75.00	42673
JHAC 1120	80	1.5	60	180.0	80	1.5	220	3	340.0	4	5	72.27	56.96	108.00	29558
JHAC 1226	80.0	1.5	100.0	193.0	142	1.5	260.0	3	353.0	4	5	82.87	101.10	193.00	60161
JHAC 1514	75	1.5	72	385	75	1.0	222	3	535	4	5	114.10	50.06	277.20	41014

Remark:

All the data listed in this catalog are obtained from optimum-annealed samples. All the data are for reference, and not for guarantee any order. Cores with other specifications can be provided according to your demands. Welcome to customize your own core.