



Catálogo de Motores

EMOTORES
SOLUCIONES
ELECTROMECAÑICAS



Trifásico ME2 2 Polos

Potencias: Desde 0.37 kW

Voltaje estándar: 400 V (otras tensiones opcionales)

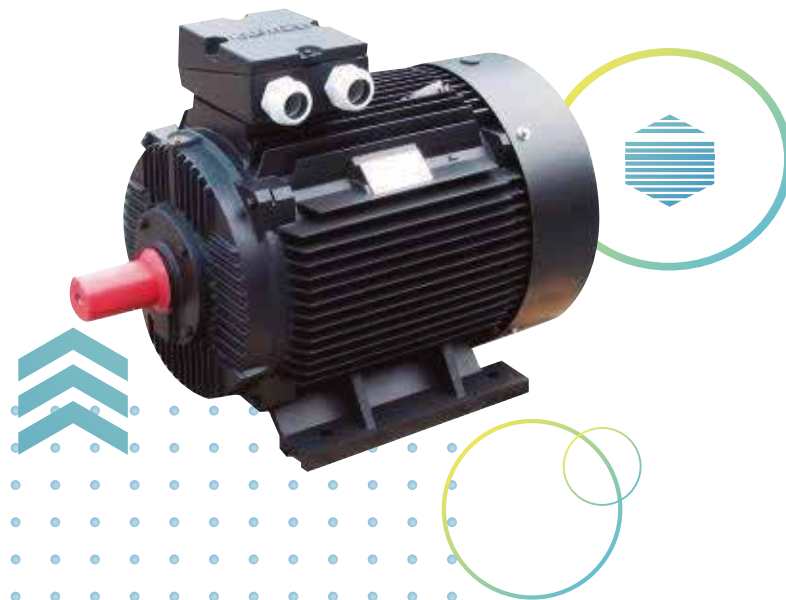
Frecuencia: 50 Hz

Velocidad: 3000/1500/1000 RPM

Tamaños Frame: 71 a 315

Montajes: IMB3 - B34 - B35

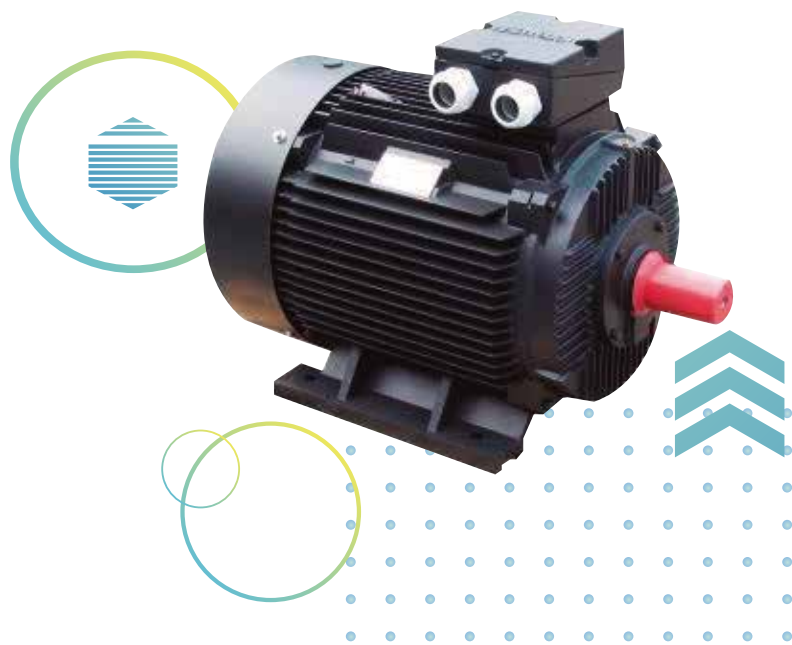
Eficiencia: IE1



Datos Técnicos de Motor

Modelo	Salida		Corriente (A)		Velocidad	Eff(%)	Factor de Potencia	Tstart/Tn	Ist/In	Tmax/Tn	Peso Kg B3
	KW	HP	380V	400V							
50Hz Velocidad síncrona 3000 r/min (2 polos)											
ME2-711-2	0.37	0.50	0.95	0.9	2750	72.3	0.82	2.4	6.1	2.5	5.0
ME2-712-2	0.55	0.75	1.33	2.3	2790	76	0.82	2.4	6.1	2.9	7.0
ME2-801-2	0.75	1	1.83	1.7	2845	76.1	0.83	2.4	7.0	2.5	13,7
ME2-802-2	1.1	1.5	2.6	2.5	2840	77	0.83	2.5	7.0	2.5	14,6
ME2-90S-2	1.5	2	3.5	3.3	2840	79	0.84	2.7	7.0	2.8	18,35
ME2-90L-2	2.2	3	4.8	4.6	2840	81	0.84	2.5	6.0	2.8	20,9
ME2-100L-2	3.0	4	6.4	8.0	2830	83	0.87	2.2	7.5	2.5	29,35
ME2-112M-2	4.0	5.5	8.1	7.7	2890	85	0.88	2.3	7.1	2.3	36,9
ME2-132S1-2	5.5	7.5	11	10.5	2910	86	0.88	2.3	7.5	2.5	52,1
ME2-132S2-2	7.5	10	15	14.3	2905	87.3	0.88	2.2	7.5	2.4	56,1
ME2-160M1-2	11.0	15	22	20	2935	88.6	0.89	2.3	7.7	3.1	108
ME2-160M2-2	15.0	20	29	27	2935	89.4	0.9	2.4	7.6	3.1	117,5
ME2-160L-2	18.5	25	35	33	2935	90.1	0.91	2.7	7.7	3.2	130,6
ME2-180M-2	22	30	41	39	2940	90.6	0.9	2	7.7	2.7	171
ME2-200L1-2	30	40	56	53	2945	91.6	0.9	2.1	6.9	2.8	220
ME2-200L2-2	37	50	68	64	2945	92.2	0.9	2.2	7.0	2.6	240
ME2-225M-2	45	60	81	77	2965	92.7	0.9	2.4	7.3	3.1	292,8
ME2-250M-2	55	75	100	95	2965	93.1	0.9	2.6	7.6	3.1	392
ME2-280S-2	75	100	134	127	2965	93.8	0.91	2.2	7.8	2.5	515,5
ME2-280M-2	90	125	160	152	2965	94.1	0.91	2.2	7.8	2.5	530,5
ME2-315S-2	100	150	196	186	2975	94.4	0.91	1.8	7.1	2.4	827
ME2-315M-2	132	180	234	222	2975	94.9	0.91	1.8	7.1	2.4	938





Trifásico 4 Polos

Potencias: Desde 0.37 kW

Voltaje estándar: 400 V (otras tensiones opcionales)

Frecuencia: 50 Hz

Velocidad: 3000/1500/1000 RPM

Tamaños Frame: 71 a 315

Montajes: IMB3 - B34 - B35

Eficiencia: IE1

Datos Técnicos de Motor modelo 4 Polos

Modelo	Salida		Corriente (A)		Velocidad	Eff(%)	Factor de Potencia	Tstart/Tn	Ist/In	Tmax/Tn	Peso Kg B3
	KW	HP	380V	400V							
50Hz Velocidad síncrona 1500 r/min (4 polos)											
ME2-711-4	0.25	0.34	0.83	0.73	1350	65	0.70	2.5	5.2	3	5.5
ME2-712-4	0.37	0.50	1.1	1	1340	67	0.75	2.5	5.2	3.1	6.0
ME2-801-4	0.55	0.75	1.5	1.4	1390	71	0.77	2.5	5.3	2.5	13
ME2-802-4	0.75	1.0	2	1.9	1380	74.4	0.77	2.5	5.3	2.5	13,9
ME2-90S-4	1.1	1.5	3	2.9	1390	76.3	0.75	2.5	4.7	2.3	17,55
ME2-90L-4	1.5	2	3.9	3.7	1390	78.5	0.76	2.2	5.2	2.6	21,1
ME2-100L1-4	2.2	3	5.2	4.9	1410	81.2	0.81	2.3	6.8	2.5	28,15
ME2-100L2	3	4	6.8	8.5	1410	82.8	0.82	2.3	7.1	2.5	31,75
ME2-112M-4	4	5.5	8.7	8.3	1440	84.2	0.82	2.3	6.4	2.6	39,9
ME2-132S1-4	5.5	7.5	12	11	1445	85.7	0.83	2.3	7	2.5	54
ME2-132S2-4	7.5	10	16	15	1445	87.2	0.84	2.3	7	2.5	64,7
ME2-160M1-4	11	15	23	22	1460	88.4	0.85	2.4	7	2.9	113,5
ME2-160M2-4	15	20	30	28	1460	89.5	0.85	2.6	7.6	2.9	135,8
ME2-160L-4	18.5	25	36	34	1470	90.5	0.87	2.2	7	3	167,2
ME2-180M-4	22	30	42	40	1470	91.0	0.87	2.2	7	2.7	179,2
ME2-200L1-4	30	40	58	55	1470	92.0	0.86	2.2	7.2	3	233,1
ME2-200L2-4	37	50	70	66	1475	92.5	0.87	2.2	6.9	2.8	283,5
ME2-225M-4	45	60	85	80	1475	92.8	0.87	2.2	7	2.4	320,7
ME2-250M-4	55	75	103	98	1475	93.1	0.87	2.2	7.4	2.4	373
ME2-280S-4	75	100	140	133	1485	96.8	0.87	2.2	7.5	2.7	526,2
ME2-480M-4	90	125	167	159	1485	94.2	0.87	2.2	7.1	2.4	591,1
ME2-315S-4	110	150	201	191	1485	94.5	0.88	2.2	6.9	2.7	842
ME2-315M-4	132	180	241	229	1485	94.8	0.88	2.2	6.9	2.6	948



Trifásico 6 Polos

Potencias: Desde 0.37 kW

Voltaje estándar: 400 V (otras tensiones opcionales)

Frecuencia: 50 Hz

Velocidad: 3000/1500/1000 RPM

Tamaños Frame: 71 a 315

Montajes: IMB3 - B34 - B35

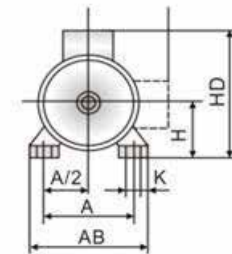
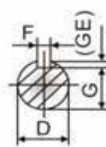
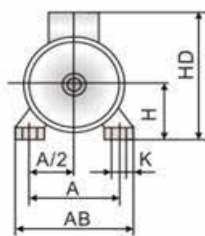
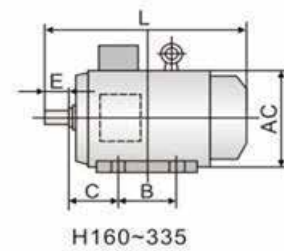
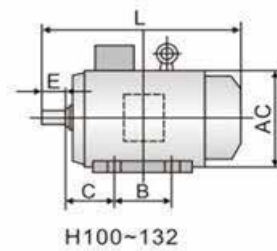
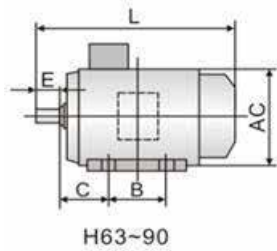
Eficiencia: IE1



Datos Técnicos de Motor modelo 6 Polos

Modelo	Salida		Corriente (A)		Velocidad	Eff(%)	Factor de Potencia	Tstart/Tn	Ist/In	Tmax/Tn	Peso Kg B3
	KW	HP	380V	400V							
50Hz Velocidad síncrona 1000 r/min (6 polos)											
ME2-801-6	0.37	0.5	1.20	1.1	895	62.5	0.76	2.0	4.7	2.1	13.5
ME2-802-6	0.55	0.75	1.7	1.5	895	69	0.76	2.0	4.7	2.1	14.5
ME2-90S-6	0.75	1	2.4	2.3	915	72.4	0.71	2.0	5.5	2.2	17.05
ME2-90L-6	1.1	1.5	3.3	3.1	915	75.2	0.72	2.0	5.5	2.2	19.1
ME2-100L-6	1.5	2	4.0	3.7	940	77.4	0.76	2.1	6.2	2.2	27.95
ME2-112M-6	2.2	3	5.5	5.0	980	79.8	0.76	2.2	5.0	2.2	36.1
ME2-132S-6	3	4	8	7.0	960	81.4	0.76	2.2	6.3	2.8	49.4
ME2-132M1-6	4	5.5	10	9.5	960	83.2	0.76	2.4	6.4	2.9	57.7
ME2-132M2 - 6	5.5	7.5	13	12.0	960	84.6	0.77	2.4	6.5	2.8	68.7
ME2-160M-6	7.5	10	17	16	970	86.2	0.78	2.0	6.5	2.3	109
ME2-160L-6	11	15	24	23	970	87.6	0.79	2.0	6.5	2.3	127.5
ME2-180L-6	15	20	31	29	970	89	0.83	2.1	7.0	2.2	169.5
ME2-200L1-6	18.5	25	38	38	975	90	0.82	2	6.5	2.8	215.3
ME2-200L2-6	22	30	45	42	975	90.4	0.83	2.1	6.5	2.7	226.5
ME2-225M-6	30	40	58	55	980	91.5	0.85	2.1	6.9	2.5	288.5
ME2-250M-6	37	50	71	68	980	92	0.86	2.3	6.9	2.3	385
ME2-280S-6	45	60	86	82	980	92.5	0.86	2.3	7.0	2.7	499.5
ME2-280M-6	55	75	105	100	980	92.9	0.86	2.3	7.0	2.7	526.5
ME2-315S-6	75	100	142	135	980	93.6	0.86	2.0	7.0	2.4	889
ME2-315M-6	90	125	170	160	935	93.9	0.86	2.0	7.0	2.4	939
ME2-315S-6	110	150	207	197	935	94.3	0.86	2.1	7.0	2.4	999
ME2-315M-6	132	180	245	233	935	94.8	0.87	2.1	7.0	2.3	1086

Dimensiones B3

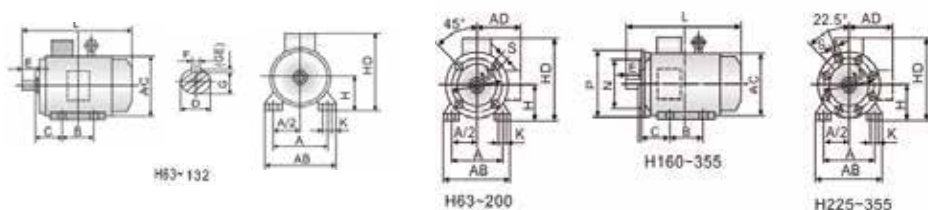


Carcasa	Polos	Dimensiones de Montaje										Dimensiones				
		A	A/2	B	C	D	E	F	G	H	K	AB	AC	AD	HD	L
63	2, 4	100	50	80	40	11	23	4	8.5	63	7	135	130	70	180	225
71	2, 4, 6	112	56	90	45	14	30	5	11	71		150	145	80	195	250
80	2, 4, 6, 8	125	62.5	100	50	19	40	6	15.5	80	10	165	175	145	214	295
90S		140	70	100	56	24	50	8	20	90		180	195	155	250	315
90L				125												340
100L		160	80	140	63	28	60	24	100	12	205	215	180	270	385	
112M		190	95	140	70				112		230	240	190	300	400	
132S		216	108	140	89	38	80	10	33	132	15	270	275	210	345	470
132M				178												510
160M		254	127	210	108	42	110	12	37	160	19	320	330	255	420	615
160L				254												670
180M		279	139.5	241	121	48	110	14	42.5	180	24	355	380	280	455	700
180L				279												740
200L		318	159	305	133	55	140	16	49	200	19	395	420	305	545	770
225S	4, 8	356	178	286	149	60		18	53	225		25	435	470	335	555
225M	2			311		55	110	16	49		820					
250M	4, 6, 8	406	203	349	168	60	18	53	250	24	490	510	370	615	910	
	2					65		140							58	985
280S	2	457	228.5	368	190	75	20	67.5	280	28	550	580	410	680	1035	
280M	4, 6, 8			419		65	170	18								58
315S	2	508	254	406	216	65		18	58	315	28	635	645	530	845	1160
	4, 6, 8, 10					80	170	22	71							1270
315M	2	508	254	457	216	65	18	58	315	28	635	645	530	845	1190	
315L	4, 6, 8, 10					80	170	22							71	1300
	315L	2	508	254	406	216	65	140	18	58	355	730	710	655	1010	1190
355M	4, 8	80					170	22	71	1300						
	2	610	305	560	254	75	140	20	67.5	355	730	710	655	1010	1500	
355M	4, 6, 8, 10					95	170	25	86						1530	
355L	2	610	305	630	254	75	140	20	67.5	355	730	710	655	1010	1500	
	4, 6, 8-, 10					95	170	25	86						1530	

Modelo IE2

Datos Tecnicos de Motor IE2													
Modelo	Salida		Corriente (A)		Velocidad	Eff(%)	Factor de Potencia	Nm	Tstart/Tn	Ist/In	Tmax/Tn	dB	Peso Kg B3
	KW	HP	380V	400V									
50Hz Velocidad síncrona 3000 r/min (2 polos)													
M80M1-2	0.75	1.0	1.77	1.68	2865	77.4	0.83	2.50	2.3	6.8	2.3	62	14,6
M80M2-2	1.1	1.5	2.43	2.31	2880	79.6	0.84	3.65	2.3	7.3	2.3	62	15,2
M90S-2	1.5	2.0	3.19	3.03	2900	81.3	0.84	4.94	2.3	7.6	2.3	67	18,9
M90L-2	2.2	3.0	4.59	4.36	2890	83.2	0.85	7.27	2.5	7.6	2.3	67	22
M100L-2	3	4.0	6.04	5.74	2890	84.8	0.87	9.91	2.5	8.1	2.3	74	31,8
M112M-2	4	5.5	7.9	7.51	2910	85.8	0.88	13.1	2.5	8.3	2.3	77	39,1
M132M1-2	5.5	7.5	10.7	10.2	2920	87.0	0.88	18.0	2.2	8.0	2.3	79	57,2
M132S2-2	7.5	10	14.5	13.8	2920	88.1	0.89	24.5	2.2	7.8	2.3	79	62,2
50Hz Velocidad síncrona 1500 r/min (4 polos)													
M80M2-4	0.75	1.0	1.95	1.76	1435	79.8	0.75	4.99	2.6	6.5	2.3	56	15
M90S-4	1.1	1.5	2.59	2.46	1435	81.4	0.75	7.32	2.8	6.6	2.3	59	18,8
M90L-4	1.5	1.0	3.48	3.35	1440	82.8	0.75	9.95	2.8	6.9	2.3	59	23,9
M100L1-4	2.2	3.0	4.77	4.53	1450	84.3	0.81	14.5	2.6	7.5	2.3	64	31,7
M100L2-4	3	4.0	6.35	7.98	1455	85.5	0.82	19.8	2.6	7.6	2.3	64	34
M112M-4	4	5.5	8.4	6.04	1450	86.6	0.82	26.3	2.6	7.7	2.3	65	41,2
M132S-4	5.5	7.5	11.3	10.7	1460	87.7	0.83	36.0	2.6	7.5	2.3	71	58,2
M132M-4	7.5	10	15.1	14.3	1460	88.7	0.83	49.1	2.6	7.4	2.3	71	71,5
50Hz Velocidad síncrona 1000 r/min (6 polos)													
M90S-6	0.75	1.0	2.04	1.94	950	75.0	0.72	7.54	2.1	5.8	2.1	57	18,2
ME90L-6	1.1	1.5	2.87	2.73	950	78.1	0.73	11.1	2.1	5.9	2.1	57	21,7
M100L-6	1.5	2.0	3.73	3.54	950	79.5	0.74	15.1	2.1	6.0	2.1	61	30,7
M112M-6	2.2	3.0	5.30	5.04	955	81.8	0.74	22.0	2.1	6.0	2.1	65	38,7
M132S-6	3	4.0	7.10	6.75	970	83.3	0.74	29.5	2.3	6.2	2.1	69	54
M132M1-6	4	5.5	9.30	8.84	970	84.6	0.74	39.4	2.4	6.8	2.1	69	66,4
M132M2-6	5.5	7.5	12.4	11.8	970	86	0.75	54.1	2.5	7.1	2.1	69	75,4
M160M-6	7.5	10	16.6	15.8	976	87.2	0.78	73.4	2.6	6.7	2.1	70	124,5

Motor

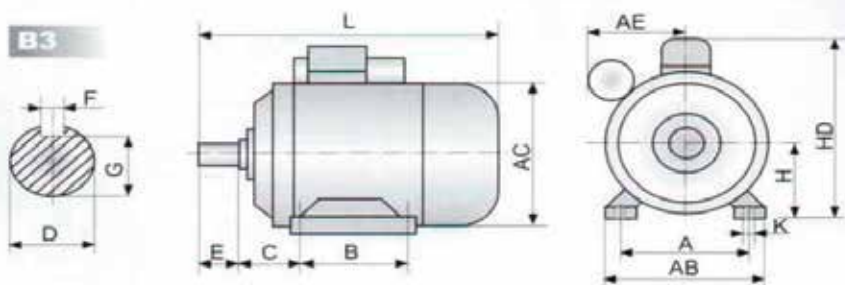


Carcasa	Flange	Polos	Dimensiones de Montaje															Dimensiones				
			A	A/2	B	C	D	E	F	G	H	K	M	N	P	S	T	AB	AC	AD	HD	L
80	FF165	2.4/6.8	125	62.5	100	50	19	40	6	15.5	80	10	165	130	200	12	3.5	165	175	145	220	305
90S			140	70	100	56	24	50	8	20	90							180	195	155	260	360
90L					125					100	390											
100L	FF215		160	80	140	63	28	60		24	100	12	215	180	250	15	4	205	215	180	270	385
112M			190	95	140	70			112	230	240							190	300	470		
132S	FF265		216	108	140	89	38	80	10	33	132							265	230	300	270	275
132M					178					560												
160M	FF300		254	127	210	108	42	110	12	37	160	15	300	250	350	19	5	320	330	255	420	670
160L					254					670												

Datos Técnicos de Motor Monofásico

Tensión 220-50 HZ / 2-4 polos /

Datos Tecnicos de Motor									
Modelo	Potencia		Corriente (A)	Factor de Potencia	Eficiencia	Velocidad r ´ min	Tstart/Tn	Ist/In	Tmax/Tn
	KW	HP							
50Hz Velocidad de síncrona 3000 r/min (2 polos)									
M 7 1 1 - 2	0.18	1/4	1.9	0.70	63.0	2800	3.0	6.5	2.0
M 7 1 2 - 2	0.25	1/3	2.4	0.72	65.0	2800	3.0	6.5	2.0
M 8 0 A - 2	0.37	1/2	3.5	0.74	66.0	2840	3.0	6.5	2.0
M 8 0 B - 2	0.55	3/4	5.04	0.74	67.0	2850	3.0	6.5	2.0
M 8 0 C - 2	0.75	1	6.68	0.75	68.0	2850	3.0	6.5	2.0
M 9 0 S 2	1.1	1.5	8.93	0.80	70.0	2650	2.8	7.0	2.0
M90L-2	1.5	2	11.4	0.82	73.0	2870	2.9	7.0	2.0
M100L-2	2.2	3	16.5	0.82	74.0	2900	2.5	7.0	2.0
M112M1-2	3	4	21.4	0.84	76.0	2900	2.2	7.0	2.0
M112M2-2	3.7	5	24.8	0.86	79.0	2900	2.2	7.0	2.0
50Hz Velocidad de síncrona 1500 r/min (4 polos)									
M 7 1 1 - 4	0.12	1/5	1.9	0.58	48.0	1400	3.0	6.0	2.0
M 7 1 2 - 4	0.16	1/4	2.7	0.60	50.0	1400	3.0	6.0	2.0
M 8 0 A - 4	0.25	1/3	3.52	0.62	52.0	1400	3.0	6.0	2.0
M80B-4	0.37	1/2	4.69	0.64	56.0	1400	3.0	6.0	2.0
M80C-4	0.55	3/4	6.9	0.65	60.0	1400	3.0	6.0	2.0
M90S-4	0.75	1	7.5	0.72	63.0	1400	2.8	6.5	2.0
M90L-4	1.1	1.5	10.4	0.72	67.0	1420	2.8	6.5	2.0
M100L-4	1.5	2	13.0	0.73	72.0	1440	2.8	6.5	2.0
M112M-4	2.2	3	18.5	0.74	73.0	1450	2.5	6.5	2.0
M132S1-4	3	4	22.4	0.80	76.0	1450	2.2	6.5	2.0
I32S2 - 4	3.7	5	26.0	0.82	79.0	1450	2.2	6.5	2.0



Dimensiones de Montaje en general Motor Monofasico 																				
Frame	Dimensiones de Montaje (mm)															Dimernsion General				
	A	B	C	D	E	F	G	H	K	M	N	P	R	S	T	AB	AC	AD	HD	L
71	112	90	45	14	30	5	11	71	7	130	110	160	0	10	3.5	145	145	140	180	255
80	125	100	50	19	40	6	15.5	80	10	165	130	200	0	12	3.5	160	165	150	200	295
90S	140	100	56	24	50	8	20	90	10	165	130	200	0	12	35	180	185	160	240	370
90L	140	125	56	24	50	8	20	90	10	165	130	200	0	12	3.5	180	185	160	240	400
100L	160	140	63	28	60	8	24	100	12	215	180	250	0	15	4.0	205	220	180	260	430
112M	190	140	70	28	60	8	24	112	12	215	180	250	0	15	4.0	245	250	190	300	455
132S	216	140	89	38	80	10	33	132	12	265	230	300	0	15	4.0	280	290	210	350	525
132M	216	178	89	38	80	10	33	132	12	265	230	300	0	15	4.0	280	290	210	350	553

