1-800-ASK-4WEG
Sales

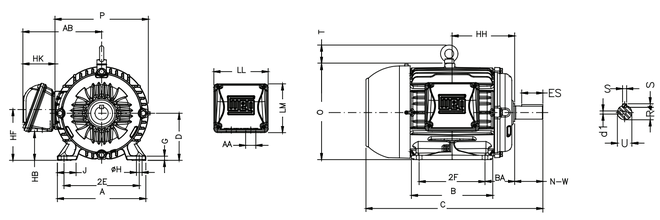
1-800-839-2529
Warranty

1-800-ASK-4WEG
After Hours Sales
Select after hours option

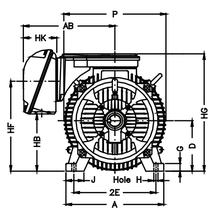
1-877-WEG-DRIV
Drives Tech Support

NEMA Standard Dimensions

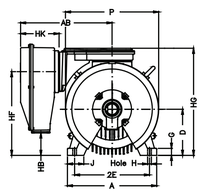
Frames 143T to 444/5T



Frames 445/7T to 588/7T
WEG W22 Terminal Box
Reference

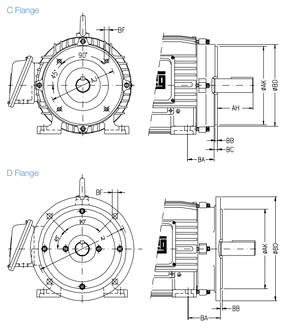


Frame 588/9T
WEG W22 Terminal Box
Reference



C Flange

D Flange



This drawing is not representative of all frame sizes. It is used as a dimension guide only.
Dimension C, O, P and all Terminal Box dimensions are specific to WEG W22 General Purpose Motors.

Dimensions in inches

NEMA Frames	MOUNTING				A	B	C	D	G	J	O	K	P	T	KEYWAY			SHAFT EXTENSION			TERMINAL BOX									d1	BEARINGS		"C" FLANGE DIMENSIONS								"D" FLANGE DIMENSIONS							
	2E	2F	H	BA											S	R	ES	N-W	U	AB	HB	HF	HG	HH	HK	LL	LM	AA			D.E.	N.D.E	BA	AJ	AK	BD	NUMBER	BF TAP SIZE	BB	BC	AH	BA	AJ	AK	BD	NUMBER	BF TAP SIZE	BB
143T	5.500	4.000	0.344	2.250	6.457	5.157	12.346	3.500	0.354	1.437	7.122	-	7.047	-	0.187	0.765	1.575	2.250	0.875	6.181	1.728	3.500	-	4.250	2.638	4.527	4.094	NPT3/4"	A 4	6205 ZZ	6204 ZZ	2.250[A]	5.875	4.500	6.500	4	UNC 3/8"x16	0.156	0.125	2.125	2.250	10.000	9.000	11.000	4	0.562	0.203
145T		5.000				6.142	13.346																	4.750							2.750[B]															
182T	7.500	4.500	0.406	2.750	8.661	5.945	14.860	4.500	0.394	1.594	9.343	-	8.740	1.772	0.250	0.984	1.969	2.750	1.125	7.559	2.236	4.500	-	5.000	3.110	5.512	5.236	NPT1"		6207 ZZ	6206 ZZ	2.750[A]	7.250	8.500	8.875		UNC 1/2"x13			2.625	2.750						
184T		5.500				6.969	15.860																	5.500							3.500[B]															
213T	8.500	5.500		3.500	9.764	7.362	18.021	5.250	0.827	1.988	10.841	2.165	10.669		0.313	1.203	2.480	3.375	1.375	8.583	3.006	5.250		6.250							6308 ZZ	6207 ZZ	3.500[A]								3.125	3.500						
215T		7.000				8.858	19.517																	7.000							4.250[B]															
254T	10.000	8.252	0.531	4.250	12.126	10.000	23.213	6.250		2.539	12.598	2.559	12.953		0.375	1.406	2.756	4.000	1.625	10.394	3.061	6.565		8.376	3.937	7.795	7.402	NPT1 1/2"		6309 C3	6209 C3	4.250[A]	9.000	10.500	11.031					3.75	4.250	12.500	11.000	14.000			
256T		10.000				11.732	24.945																	9.250							4.750[B]															
284TS	11.000	9.500		4.750	13.780	11.575	25.061	7.000	1.023	3.110	14.067	2.874	14.173	2.087	0.500	1.594	3.149	4.622	1.875	10.984	3.535	7.000	-	9.500							6311 C3	6211 C3	4.750								3.000							
284T							26.433																																		4.375							
286TS		11.000				13.071	26.557								0.375	1.406	2.480	3.250	1.625					10.250																		3.000							
286T							27.929																																		4.375							
324TS	12.500	10.500	0.657	5.250	15.157	14.567	28.120	8.000	1.300	3.189	15.953	3.189	15.827	2.441	0.500	1.594	3.749	3.750	1.875	12.480	4.811	8.708		10.500	4.645	8.976	8.543	NPT 2"		6312 C3	6212 C3	5.250	11.000	12.500	13.583					3.500	5.250	16.000	14.000	18.000			
324T							29.620									1.844	3.937	5.250	2.125																						5.000							
326TS		12.000					29.616									1.594	2.756	3.750	1.875					11.250																		3.500							
326T							31.116									1.844	3.937	5.250	2.125																						5.000							
364/5TS	14.000	11.260/12.244	0.660	5.875	17.165	16.220	32.276	9.000	1.480	3.150	17.716	4.921	17.914	-	0.625	1.591	1.968	3.748	1.875	16.378	4.055	-	-	12.362	6.378	9.646	10.119	NPT 3"		6314 C3	6314 C3	5.875	14.000	16.000	15.551	8	UNC 5/8"x11	0.250	0.250	3.500	5.875	20.000	18.000	21.653	8	0.828	
364/5T							34.251								0.625	2.019	4.330	5.874	2.375																						5.625							
404/5TS	16.000	12.244/13.740		6.625	19.921	18.386	36.732	10.000	1.811		19.566	5.669	19.134	-	0.500	1.842	2.756	4.250	2.125		5.040	-		14.213																	4.000	6.625			22.000			
404/5T							39.730								0.750	2.449	5.512	7.250	2.875																						7.000							
444/5TS	18.000	14.500/16.500	0.810	7.500	21.929	20.315	41.443	11.000	1.630	3.937	22.795	5.866	23.583	4.620	0.625	2.021	3.000	4.750	2.375	18.386	5.394			15.748	5.787	11.811	11.890	2xNPT 3"	UNC 3/4"-10	6314 C3	6314 C3	7.500	14.000	16.000	17.913					4.500	8.250	7.500	20.000	18.000					
444/5T							45.193								0.875	2.880	7.087	8.500	3.375											6319 C3	6316 C3															
445/7TS		16.500/20.000			21.496	23.897	45.301		1.654		25.291				0.625	2.021	3.000	4.750	2.375	20.670	12.598	20.724	26.850	11.803	6.968	14.646	15.040			6314 C3	6314 C3									4.500	8.250						
445/7T							49.051								0.875	2.880	7.087	8.500	3.375											6319 C3	6316 C3															
447/9TS		20.000/25.000			21.929	31.535	52.588		1.630	4.331		6.692		4.620	0.625	2.021	3.000	4.750	2.375										6314 C3	6314 C3									4.500	8.250						
447/9T							56.338								0.875	2.880	7.087	8.500	3.375										6322 C3	6319 C3															
L447/9TS		20.000/25.000					53.431			3.937	23.874	8.780			0.625	2.021	3.000	4.750	2.375	23.071	11.417	20.551	28.236	11.500	8.464	15.906	17.244			6314 C3	6314 C3	8.500	14.500	16.500						4.500	8.500	10.000	22.000	18.000	24.803				
L447/9T							57.181						25.866		0.875	2.880	7.087	8.500	3.375										6322 C3	6319 C3									8.250							
504/5TS	20.000	16.000/18.000	1.250	8.500	24.724	24.449	48.215	12.500	2.146	4.724	25.425	7.228		4.880	0.625	2.021	3.000	4.750	2.375	20.670	15.275	24.291	29.409	10.394	6.968	14.646	15.040			6314 C3	6314 C3									4.500							
504/5T							54.095								0.875	3.134	8.661	10.630	3.625										6319 C3	6316 C3									10.375							
586/7TS	23.000	22.000/25.000	1.181	10.000	29.528	29.921	54.829	14.500	2.492	5.512	28.985	9.055	28.977	5.590	0.625	2.021	3.000	4.750	2.375	23.977	17.322	26.732	34.015	13.386	8.464	15.906	17.244			6314 C3	6314 C3	10.000								4.500		10.000	30.000	28.000	32.000				
586/7T							61.704								1.000	3.312	8.661	11.625	3.875										6322 C3	6319 C3									11.375							
588/9TS		28.000/32.000				37.980	62.506					12.795		8.464	0.625	2.021	3.000	4.750	2.375	27.600	8.464	28.346			12.520	17.441	28.740			6314 C3	6314 C3																
588/9T							69.381								1.000	3.312	8.661	11.625	3.875										6322 C3	6319 C3																

Notes: [A] - NEMA Standard [B] BA dimension for WEG cast iron motors with C-Flange

NEMA Frame Assignments

NEMA FRAME PROGRAM	"T" FRAMES 1964								"U" FRAMES 1952								ORIGINAL NEMA FRAMES							
	3600		1800		1200		900		3600		1800		1200		900		3600		1800		1200		900	
HP	ODP	TEFC	ODP	TEFC	ODP	TEFC	ODP	TEFC	ODP	TEFC	ODP	TEFC	ODP	TEFC	ODP	TEFC	ODP	TEFC	ODP	TEFC	ODP	TEFC	ODP	TEFC
1	-	-	143T	143T	145T	145T	182T	182T	-	-	182	182	184	184	213	213	-	-	203	203	204	204	225	225
1.5	143T	143T	145T	145T	182T	182T	184T	184T	182	182	184	184	184	184	213	213	203	203	204	204	224	224	254	254
2	145T	145T	145T	145T	184T	184T	213T	213T	184	184	184	184	213	213	215	215	204	204	224	224	225	225	254	254
3	145T	182T	182T	182T	213T	213T	215T	215T	184	1847	213	213	215	215	254U	254U	224	224	225	225	254	254	284	284
5	182T	184T	184T	184T	215T	215T	254T	254T	213	213	215	215	254U	254U	256U	256U	225	225	254	254	284	284	324	324
7.5	184T	213T	213T	213T	254T	254T	256T	256T	215	215	254U	254U	256U	256U	284U	284U	254	254	284	284	324	324	326	326
10	213T	215T	215T	215T	256T	256T	284T	284T	254U	254U	256U	256U	284U	284U	286U	286U	286	286	324	324	326	326	364	364
15	215T	254T	254T	254T	284T	284T	286T	286T	256U	256U	284U	284U	324U	324U	326U	326U	324	324	326	326	364	364	365	365
20	254T	256T	256T	256T	286T	286T	324T	324T	284U	286U	286U	286U	326U	326U	364U	364U	326	326	364	364	365	365	404	404
25	256T	284TS	284T	284T	324T	324T	326T	326T	286U	324U	324U	324U	364U	364U	365U	365U	364S	365S	364	365	404	404	405	405
30	284TS	286TS	286T	286T	326T	326T	364T	364T	324S	326S	326U	326U	365U	365U	404U	404U	364S	404S	365	404	405	405	444	444
40	286TS	324TS	324T	324T	364T	364T	365T	365T	326S	364US	364U	364U	404U	404U	405U	405U	365S	405S	404	405	444	444	445	445
50	324TS	326TS	326T	326T	365T	365T	404T	404T	364US	364US	365US	365US	405U	405U	444U	444U	404S	444S	405S	444S	445	445	504U	504U
60	326TS	364TS	364TS	364TS	404T	404T	405T	405T	365US	405US	404US	405US	444U	444U	445U	445U	405S	445S	444S	445S	504U	504U	505	505
75	364TS	365TS	365TS	365TS	405T	405T	444T	444T	404US	444US	405US	444US	445U	445U	-	-	444S	504S	445S	504S	505	505	-	-
100	365TS	405TS	404TS	405TS	444T	444T	445T	445T	405US	445US	444US	445US	-	-	-	-	445S	505S	504S	505S	-	-	-	-
125	404TS	444TS	405T	444TS	445T	445T	-	-	444US	444US	445US	445US	-	-	-	-	504S	504S	505S	505S	-	-	-	-
150	405TS	445TS	444TS	445TS	-	-	-	-	445US	445US	-	-	-	-	-	-	505S	505S	-	-	-	-	-	-
200	444TS	444TS	445TS	445TS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
250	445TS	445TS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

IEC Enclosure Ratings (IP Designation)

Level	1st Numeral: Protection against Solids	2nd Numeral: Protection against Liquids
0	Non-protected	Non-protected
1	Objects greater than 50 mm	Dripping water
2	Objects greater than 12 mm	Dripping water on enclosure tilted up to 15 degrees
3	Objects greater than 2.5 mm	Spraying water up to 60 degrees from both sides
4	Objects greater than 1.0 mm	Splashing water from all sides
5	Dust-protected	Water jets
6	Dust-tight	Heavy seas

NEMA Enclosure Ratings for Controls

Protection Against:	1	2	3	3S	4	4X	6	6P	12	13	PW12
	Indoor	Indoor	Outdoor	Outdoor	Indoor/ Outdoor	Indoor/ Outdoor	Indoor/ Outdoor	Indoor/ Outdoor	Indoor	Indoor	Indoor/ Outdoor
Accidental Bodily Contact	NEMA 1	NEMA 2	NEMA 3	NEMA 3S	NEMA 4	NEMA 4X	NEMA 6	NEMA 6P	NEMA 12	NEMA 13	-
Falling Dirt	NEMA 1	NEMA 2	NEMA 3	NEMA 3S	NEMA 4	NEMA 4X	NEMA 6	NEMA 6P	NEMA 12	NEMA 13	-
Dust, Lint, Non-Volatile Fibers	-	-	NEMA 3	NEMA 3S	NEMA 4	NEMA 4X	NEMA 6	NEMA 6P	NEMA 12	NEMA 13	-
Windblown Dust	-	-	NEMA 3	NEMA 3S	NEMA 4	NEMA 4X	NEMA 6	NEMA 6P	-	-	-
Falling Liquid, Light Splash	-	NEMA 2	NEMA 3	NEMA 3S	NEMA 4	NEMA 4X	NEMA 6	NEMA 6P	NEMA 12	NEMA 13	-
Hosedown, Heavy Splash	-	-	-	-	NEMA 4	NEMA 4X	NEMA 6	NEMA 6P	-	-	-
High-Pressure, High-Temperature Spray	-	-	-	-	-	-	-	-	-	-	PW12
Exposure to Cleaning, Sanitizing Chemicals	-	-	-	-	-	-	-	-	-	-	PW12
Rain, Snow, Sleet	-	-	NEMA 3	NEMA 3S	-	-	NEMA 6	NEMA 6P	-	-	-
Ice Buildup	-	-	-	NEMA 3S	-	-	-	-	-	-	-
Oil or Coolant Seepage	-	-	-	-	-	-	-	-	NEMA 12	NEMA 13	-
Oil, Coolant Spray or Splash	-	-	-	-	-	-	-	-	-	NEMA 13	-
Occasional Submersion	-	-	-	-	-	-	NEMA 6	NEMA 6P	-	-	-
Prolonged Submersion	-	-	-	-	-	-	-	NEMA 6P	-	-	-
Corrosive Agents	-	-	-	-	-	NEMA 4X	-	NEMA 6P	-	-	-

Voltage Effects on Induction Motor Performance

Characteristic	110% of Voltage	90% of Voltage
Starting Torque	Increase 21%	Decrease 19%
Maximum Torque	Increase 21%	Decrease 19%
Slip	Decrease 15-20%	Increase 20-30%
100% Load Efficiency	Decrease 0-3%	Decrease 0-2%
75% Load Efficiency	Decrease 0-3%	Little Change
50% Load Efficiency	Decrease 0-5%	Increase 0-1%
100% Power Factor	Decrease 5-15%	Increase 1-7%
75% Power Factor	Decrease 5-15%	Increase 2-7%
50% Power Factor	Decrease 10-20%	Increase 3-10%
Full Load Current	Decrease Slightly-5%	Increase 5-10%
Starting Current	Increase 10%	Decrease 10%
Full Load Temperature Rise	Decrease 10%	Increase 10-15%
Maximum Overload Capacity	Increase 5%	Decrease 5-7%
Noise	Increase Slightly	Decrease Slightly

NEMA vs. IEC Terminal Markings

NEMA	IEC
T1	U1
T2	V1
T3	W1
T4	U2
T5	V2
T6	W2
T7	U5
T8	V5
T9	W5
T10	U6
T11	V6
T12	W6

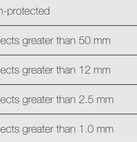
Electrical Formulas

Motor Type	Single Phase	Three Phase	Direct Current
Horsepower	$\frac{I \times E \times Eff \times PF}{746}$	$\frac{I \times E \times \sqrt{3} \times Eff \times 1.73 \times PF}{746}$	$\frac{I \times E \times Eff}{746}$
kVA	$\frac{I \times E}{1000}$	$\frac{I \times E \times 1.73}{1000}$	—
Kilowatts	$\frac{I \times E \times PF}{1000}$	$\frac{I \times E \times 1.73 \times PF}{1000}$	$\frac{I \times E}{1000}$
Amperes when Horsepower is known	$\frac{HP \times 746}{E \times Eff \times PF}$	$\frac{HP \times 746}{1.73 \times E \times Eff \times PF}$	$\frac{HP \times 746}{E \times Eff}$
Amperes when Kilowatts is known	$\frac{KW \times 1000}{E \times PF}$	$\frac{KW \times 1000}{1.73 \times E \times PF}$	$\frac{KW \times 1000}{E}$
Amperes	$\frac{KVA \times 1000}{E}$	$\frac{KVA \times 1000}{1.73 \times E}$	—

E=Volts I = Amperes Eff = Percent efficiency PF = Power factor HP = Horsepower KVA = Kilovolt-Amps

Three Phase Wiring Diagrams
NEMA

Dual Voltage
Y Connected

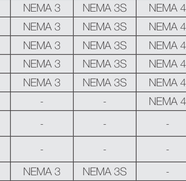


Voltage	L1	L2	L3	Join
Low	1,7	2,8	3,9	4&5&6
High	1	2	3	4&7, 5&8, 6&9

Dual Voltage
Delta Connected

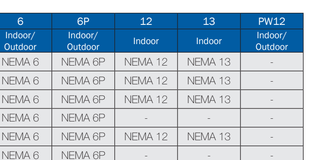
Voltage	L1	L2	L3	Join
Low	1,6, 7,12	2,4, 8,10	3,5, 9,11	-
High	1,12	2,10	3,11	4&7, 5&8, 6&9

Dual Voltage
External Y Connected



Voltage	L1	L2	L3	Join
Low	1,7	2,8	3,9	4&5&6, 10&11&12
High	1	2	3	4&7, 5&8, 6&9

Dual Voltage
Y Connected
Delta Connected Run

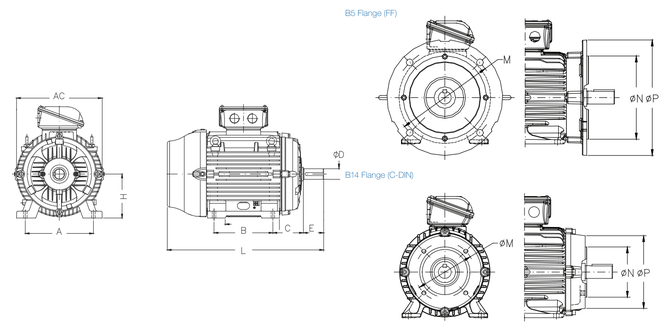


Voltage		L1	L2	L3	Join
Low	Start	1,7	2,8	3,9	4&5&6, 10&11&12
	Run	1,6, 7,12	2,4, 8,10	3,5, 9,11	-
High	Start	1	2	3	4&7, 5&8, 6&9, 10&11&12
	Run	1,12	2,10	3,11	4&7, 5&8, 6&9

IEC Critical Dimensions

B5 Flange (FF)

B14 Flange (C-DIN)

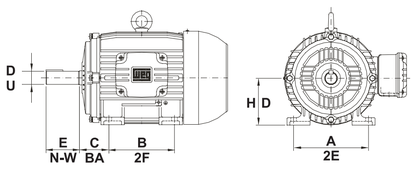


This drawing is not representative of all frame sizes. It is used as a dimension guide only.
Dimension L is specific to WEG W22 IEC General Purpose Metric Motors.

Dimensions in millimeters
inches

Frame	A	AC	B	C	Shaft D	Shaft E	L	B5 Flange (FF) Flange	B5 Flange (FF) M	B5 Flange (FF) N	B5 Flange (FF) P	B14 Flange (C-DIN) Flange	B14 Flange (C-DIN) M	B14 Flange (C-DIN) N	B14 Flange (C-DIN) P
63	100 3.937	125 4.921	80 3.150	40 0.433	11 0.433	23 0.906	216 8.504	FF-115	115 4.528	95 3.740	140 5.512	C-90	75 2.953	60 2.362	90 3.543
71	112 4.409	141 5.551	90 3.543	45 1.772	14 0.551	30 1.181	248 9.764	FF-130	130 5.118	110 4.331	160 6.299	C-105	85 3.346	70 2.756	105 4.134
80	125 4.921	159 6.260	100 3.937	50 1.969	19 0.748	40 1.575	276 10.866	FF-165	165 6.496	130 5.118	200 7.874	C-120	100 3.937	80 3.150	120 4.724
L80							325 12.795								
90S	140 5.512	179 7.047		56 2.205	24 0.945	50 1.969	304 11.969					C-140	115 4.528	95 3.740	140 5.512
L90S							335 13.189								
90L			125 4.921				329 12.953								
L90L							360 14.173								
100L	160 6.299	199 7.835	140 5.512	63 2.480	28 1.102	60 2.362	376 14.803	FF-215	215 8.465	180 7.087	250 9.843	C-160	130 5.118	110 4.331	160 6.299
L100L							420 16.535								
112M	190 7.480	222 8.740	140 5.512	70 2.756			393 15.472								
L112M							423 16.654								
132S	216 8.504	271 10.669	178 7.008	89 3.504	38 1.496	80 3.150	452 17.795	FF-265	265 10.433	230 9.055	300 11.811	C-200	165 6.496	130 5.118	200 7.874
132M							490 19.291								
132M/L							515 20.276								
160M	254 10.000	329 12.953	210 8.268	108 4.252	42 1.654	110 4.331	598 23.543	FF-300	300 11.811	250 9.843	350 13.780				
160L			254 10.000				642 25.276								
180M	279 10.984	360 14.173	241 9.488	121 4.764	48 1.890		664 26.142								
180L			279 10.984				702 27.638								
200M	318 12.520	402 15.827	267 10.512	133 5.236	55 2.165		729 28.701	FF-350	350 13.780	300 11.811	400 15.748				
200L			305 12.008				767 30.197								
225S/M	356 14.016	455 17.913	286/311 11.260/12.244	149 5.866	55 2.165	110 4.331	856 33.701	FF-400	400 15.748	350 13.780	450 17.717				
					60 2.362	140 5.512	886 34.882								
250S/M	406 15.984	486 19.134	311/349 12.244/13.740	168 6.614	60 2.362	140 5.512	965 37.992	FF-500	500 19.685	450 17.717	550 21.654				
					65 2.559	140 5.512									
280S/M	457 17.992	599 23.583	368/419 14.488/16.496	190 7.480	65 2.559	140 5.512	1071 42.165								
					75 2.953	140 5.512									
315S/M	508 20.000	657 25.866	406/457 15.984/17.992	216 8.504	65 2.559	140 5.512	1244 48.976	FF-600	600 23.622	550 21.654	660 25.984				
					80 3.150	170 6.693	1274 50.157								
315L			508 20.000		65 2.559	140 5.512	1353 53.268								
					80 3.150	170 6.693	1383 54.449								
355M/L	610 24.016	736 28.976	560/630 22.047/24.803	254 10.000	75 2.953	140 5.512	1412 55.591	FF-740	740 29.134	680 26.772	800 31.496				
					100 3.937	210 8.268	1482 58.346								
355A/B			710/800 27.953/31.496		75 2.953	140 5.512	1607 63.268								
					100 3.937	210 8.268	1677 66.024								

NEMA & IEC Dimensions Comparison



Dimensions shown are in millimeters / inches

IEC	H	A	B	C	K	D	E
NEMA	D	2E	2F	BA	H	U	N-W
90S	90 3.543	140 5.512	100 3.937	56 2.205	10 0.394	24 0.945	50 1.969
143T	88.9 3.500	139.7 5.500	101.6 4.000	57.2 2.250	8.7 0.344	22.2 0.875	57.2 2.250
90L	90 3.543	140 5.512	100 3.937	56 2.205	10 0.394	24 0.945	50 1.969
145T	88.9 3.500	139.7 5.500	127 5.000	57.2 2.250	8.7 0.344	22.2 0.875	57.2 2.250
112S	112 4.409	190 7.480	140 5.512	70 2.756	12 0.472	28 1.102	60 2.362
182T	114.3 4.500	190.5 7.500	114.3 4.500	69.9 2.750	10.3 0.406	28.6 1.125	69.9 2.750
112M	112 4.409	190 7.480	140 5.512	70 2.756	12 0.472	28 1.102	60 2.362
184T	114.3 4.500	190.5 7.500	139.7 5.500	69.9 2.750	10.3 0.406	28.6 1.125	69.9 2.750
132S	132 5.197	216 8.504	140 5.512	89 3.504	12 0.472	38 1.496	80 3.150
213T	133.4 5.250	215.9 8.500	139.7 5.500	88.9 3.500	10.3 0.406	34.9 1.375	85.7 3.375
132M	132 5.197	216 8.504	178 7.008	89 3.504	12 0.472	38 1.496	80 3.150
215T	133.4 5.250	215.9 8.500	177.8 7.000	88.9 3.500	10.3 0.406	34.9 1.375	85.7 3.375
160M	160 6.299	254 10.000	210 8.268	108 4.252	14.5 0.571	42 1.654	110 4.331
254T	158.8 6.250	254 10.000	209.6 8.252	108.0 4.250	13.5 0.531	41.3 1.625	101.6 4.000
160L	160 6.299	254 10.000	254 10.000	108 4.252	14.5 0.571	42 1.654	110 4.331
256T	158.8 6.250	254 10.000	254 10.000	108 4.250	13.5 0.531	41.3 1.625	101.6 4.000
180M	180 7.087	279 10.984	241 9.488	121 4.764	14.5 0.571	48 1.890	110 4.331
284T	177.8 7.000	279.4 11.000	241.3 9.500	120.7 4.750	13.5 0.531	47.6 1.875	117.4 4.622
180L	180 7.087	279 10.984	279 10.984	121 4.764	14.5 0.571	48 1.890	110 4.331
286T	177.8 7.000	279.4 11.000	279.4 11.000	120.7 4.750	13.5 0.531	47.6 1.875	117.4 4.622
200M	-	-	-	-	-	-	-
324T	203.2 8.000	317.5 12.500	266.7 10.500	133.4 5.250	16.7 0.657	54 2.125	133.4 5.250
200L	200 7.874	318 12.520	305 12.008