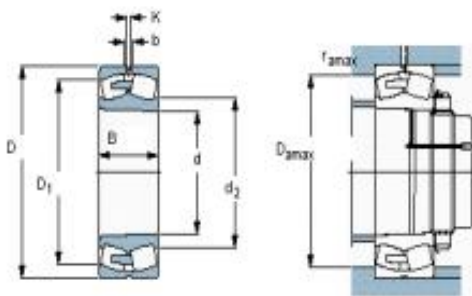
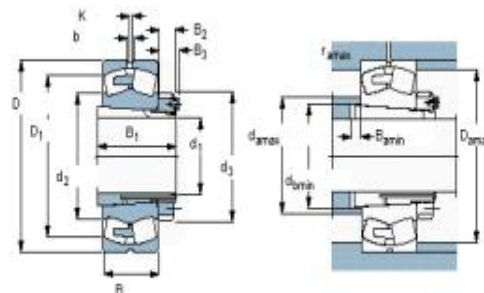




调心滚子轴承, CC、CA结构
Spherical Roller Bearings, CC、CA configuration

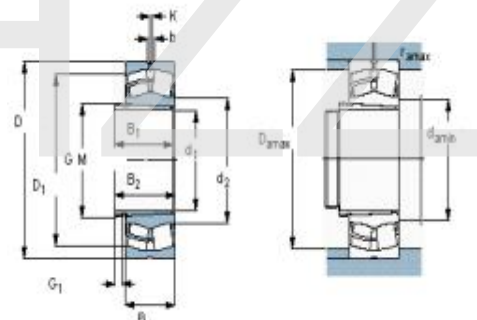
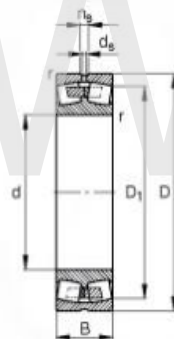
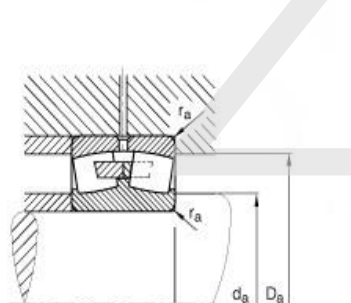


计算系数
e 0,35
Y₁ 1,9
Y₂ 2,9
Y₀ 1,8



计算系数
e 0,35
Y₁ 1,9
Y₂ 2,9
Y₀ 1,8

圆锥孔, 圆锥
1: 12



计算系数
e 0,33
Y₁ 2
Y₂ 3
Y₀ 2

ZWHZZ Spherical Roller Bearing Suffixes code interpretation

BC	Bearing for wind turbine main shafts with roller-guided cast iron cage		CA, CAC	Retaining flanges on the inner ring, guide ring centred on the inner ring, machined brass cage
CC(J), CJ	Flangeless inner ring, guide ring centred on the inner ring, two stamped steel cages		CCJA, EJA	Flangeless inner ring, guide ring centred on the outer ring raceway, two stamped steel cages
E	Optimized internal design for increased load carrying capacity 213, 222 and 223 series: Flangeless inner ring and two stamped steel cages. Annular groove and three lubrication holes in the outer ring. d ≤ 65 mm: Guide ring centred on the inner ring d > 65 mm: Guide ring centred on the cage		-CS, -2CS	Contact seal, NBR, on one or both sides
-CS2, -2CS2	Contact seal, FKM, on one or both sides		-CS5, -2CS5	Contact seal, HNBR, on one or both sides
-RS, -2RS	Contact seal, NBR, on one or both sides		-RS5, -2RS5	Contact seal, HNBR, on one or both sides
K	Tapered bore, taper 1:12		K30	Tapered bore, taper 1:30

F	Machined steel cage, inner ring centred		FA	Machined steel cage, outer ring centred
J	Stamped steel cage, inner ring centred		JA	Stamped steel cage, outer ring centred
MA	Machined brass cage, outer ring centred		235220	Case-hardened inner ring with a helical groove in the bore
HA3	Case-hardened inner ring		C08	Running accuracy to P5 tolerance class
C083	C08 + C3		C084	C08 + C4
C2	Radial internal clearance smaller than Normal		C3	Radial internal clearance greater than Normal
C4	Radial internal clearance greater than C3		C5	Radial internal clearance greater than C4
P5	Dimensional and running accuracy to P5 tolerance class		P6	Dimensional and running accuracy to P6 tolerance class
P62	P6 + C2		GEM9	Filled to 70 – 100% with grease
GLE	Filled to 25 – 45% with grease		VT143	Filled to 25 – 45% with grease
VT143B	Filled to 45 – 60% with grease		VT143C	Filled to 70 – 100% with grease

W64	Solid Oil		W	Without annular groove and lubrication holes in the outer ring
W20	Three lubrication holes in the outer ring		W26	Six lubrication holes in the inner ring
W33	Annular groove and three lubrication holes in the outer ring		W33X	Annular groove and six lubrication holes in the outer ring
W77	Plugged W33 lubrication holes		W513	W26 + W33
R505	Bearing for railway axleboxes		VA405	Bearing for vibratory applications, surface-hardened stamped steel cages
VA406	Same as VA405, but PTFE coated cylindrical inner ring bore		VA991	Bearing for high-speed applications
VE552(E)	Outer ring with three equally-spaced threaded holes in one side face to accommodate lifting tackle. The E indicates that appropriate eye bolts are supplied with the bearing.		VE553(E)	Same as VE552(E), but threaded holes in both side faces
VG114	Surface-hardened stamped steel cages		VQ424	Running accuracy better than C08

Principal dimensions			Basic load ratings		Fatigue load	Speed ratings		Mass	Designation
d	D	B	dynamic	static	limit	Reference Speed	Limiting speed		
mm			kN		kN	r/min		kg	-
90	165	52	365	490	53	3000	4000	6,15	23120 CCK/W33 + H 3120 *
90	180	46	425	490	49	3400	4500	6,40	22220 EK + H 320 *
90	180	60,3	475	600	63	2400	3400	8,75	23220 CCK/W33 + H 2320 *
90	215	47	425	490	49	3400	4500	10,5	21320 EK + H 320 *
90	215	73	815	950	88	2400	3000	15,2	22320 EK + H 2320 *
95	165	52	365	490	53	3000	4000	5,00	23120 CCK/W33 + AHX 3120 *
95	180	46	425	490	49	3400	4500	5,40	22220 EK + AHX 320 *
95	180	60,3	475	600	63	2400	3400	7,30	23220 CCK/W33 + AHX 3220 *
95	215	47	425	490	49	3400	4500	9,10	21320 EK + AHX 320 *
95	215	73	815	950	88	2400	3000	14,0	22320 EK + AHX 2320 *
100	165	52	365	490	53	-	850	4,40	23120-2CS2/VT143 *
100	165	65	455	640	68	2400	3200	5,65	24120 CC/W33 *
100	165	65	455	640	68	2400	3200	5,55	24120 CCK30/W33 *
100	170	45	310	440	46,5	3400	4300	5,75	23022 CCK/W33 + H 322 *
100	180	56	430	585	61	2800	3600	7,70	23122 CCK/W33 + H 3122 *
100	180	46	425	490	49	3400	4500	4,90	22220 E *
100	180	46	425	490	49	3400	4500	4,80	22220 EK *
100	180	55	425	490	49	-	900	5,50	BS2-2220-2CS5/VT143 *
100	180	55	425	490	49	-	900	5,50	BS2-2220-2CS5K/VT143 *
100	180	60,3	475	600	63	2400	3400	6,85	23220 CC/W33 *
100	180	60,3	475	600	63	2400	3400	6,65	23220 CCK/W33 *
100	180	60,3	475	600	63	-	700	6,85	23220-2CS/VT143 *
100	200	53	560	640	63	3000	4000	8,90	22222 EK + H 322 *
100	200	69,8	600	765	76,5	2200	3200	12,5	23222 CCK/W33 + H 2322
100	215	47	425	490	49	3400	4500	8,60	21320 E *
100	215	47	425	490	49	3400	4500	8,50	21320 EK *
100	215	73	815	950	88	2400	3000	13,5	22320 E *

100	215	73	815	950	88	2400	3000	13,5	22320 EJA/VA405 *
100	215	73	815	950	88	2400	3000	13,5	22320 EJA/VA406 *
100	215	73	815	950	88	2400	3000	13,0	22320 EK *
100	215	73	815	950	88	2400	3400	13,0	22320 EKJA/VA405 *
100	240	80	950	1120	100	2000	2800	21,0	22322 EK + H 2322 *
105	170	45	310	440	46,5	3400	4300	4,45	23022 CCK/W33 + AH 322 *
105	180	56	430	585	61	2800	3600	6,35	23122 CCK/W33 + AHX 3122 *
105	180	69	520	750	78	2200	3000	7,70	24122 CCK30/W33 + AH 24122 *
105	200	53	560	640	63	3000	4000	7,50	22222 EK + AHX 3122 *
105	200	69,8	600	765	76,5	2200	3200	10,5	23222 CCK/W33 + AHX 3222 G *
105	240	80	950	1120	100	2000	2800	19,5	22322 EK + AHX 2322 G *
110	170	45	310	440	46,5	3400	4300	3,80	23022 CC/W33 *
110	170	45	310	440	46,5	3400	4300	3,70	23022 CCK/W33 *
110	170	45	310	440	46,5	-	900	3,8	23022-2CS/VT143 *
110	170	60	415	620	67	2400	3600	5,00	24022 CC/W33 *
110	170	60	415	620	67	2400	3600	4,90	24022 CCK30/W33 *
110	180	56	430	585	61	2800	3600	5,75	23122 CC/W33 *
110	180	56	430	585	61	2800	3600	5,55	23122 CCK/W33 *
110	180	56	430	585	61	-	800	5,75	23122-2CS5/VT143 *
110	180	69	520	750	78	2200	3000	7,10	24122 CC/W33 *
110	180	69	520	750	78	2200	3000	7,00	24122 CCK30/W33 *
110	180	69	520	750	78	-	630	7,10	24122-2CS5/VT143 *
110	200	53	560	640	63	3000	4000	7,00	22222 E *
110	200	53	560	640	63	3000	4000	6,85	22222 EK *
110	200	63	560	640	63	-	800	7,60	BS2-2222-2CS5/VT143 *
110	200	63	560	640	63	-	800	7,60	BS2-2222-2CS5K/VT143 *
110	200	69,8	600	765	76,5	2200	3200	9,85	23222 CC/W33 *
110	200	69,8	600	765	76,5	2200	3200	9,55	23222 CCK/W33 *
110	240	80	950	1120	100	2000	2800	18,4	22322 E *
110	240	80	950	1120	100	2000	2800	18,4	22322 EJA/VA405 *
110	240	80	950	1120	100	2000	2800	18,4	22322 EJA/VA406 *

110	240	80	950	1120	100	2000	2800	18,0	22322 EK *
110	240	80	950	1120	100	2000	2800	18,0	22322 EKJA/VA405 *
110	180	46	355	510	53	3200	4000	5,95	23024 CCK/W33 + H 3024 *
110	200	62	510	695	71	2600	3400	10,0	23124 CCK/W33 + H 3124 *
110	215	58	630	765	73,5	2800	3800	11,0	22224 EK + H 3124 *
110	215	76	695	930	93	2000	2800	14,7	23224 CCK/W33 + H 2324
110	260	86	965	1120	100	2000	2600	25,5	22324 CCK/W33 + H 2324 *
115	200	52	430	610	62	2800	3600	8,60	23026 CCK/W33 + H 3026 *
115	210	64	560	780	78	2400	3200	12,0	23126 CCK/W33 + H 3126
115	230	64	735	930	88	2600	3600	14,0	22226 EK + H 3126 *
115	230	80	780	1060	104	1900	2600	18,5	23226 CCK/W33 + H 2326
115	280	93	1120	1320	114	1800	2400	33,0	22326 CCK/W33 + H 2326 *
115	180	46	355	510	53	3200	4000	4,80	23024 CCK/W33 + AHX 3024 *
115	180	60	430	670	68	2400	3400	5,95	24024 CCK30/W33 + AH 24024 *
115	200	62	510	695	71	2600	3400	8,70	23124 CCK/W33 + AHX 3124 *
115	200	80	655	950	95	1900	2600	10,8	24124 CCK30/W33 + AH 24124 *
115	215	58	630	765	73,5	2800	3800	9,55	22224 EK + AHX 3124 *
115	215	76	695	930	93	2000	2800	13,0	23224 CCK/W33 + AHX 3224 G *
115	260	86	965	1120	100	2000	2600	24,0	22324 CCK/W33 + AHX 2324 G *
120	180	46	355	510	53	3200	4000	4,20	23024 CC/W33 *
120	180	46	355	510	53	3200	4000	4,05	23024 CCK/W33 *
120	180	46	355	510	53	-	850	4,20	23024-2CS2/VT143 *
120	180	60	430	670	68	2400	3400	5,45	24024 CC/W33 *
120	180	60	430	670	68	2400	3400	5,35	24024 CCK30/W33 *
120	180	60	430	670	68	-	670	5,45	24024-2CS5/VT143 *
120	200	62	510	695	71	2600	3400	8,00	23124 CC/W33 *
120	200	62	510	695	71	2600	3400	7,75	23124 CCK/W33 *
120	200	80	655	950	95	1900	2600	10,3	24124 CC/W33 *
120	200	80	655	950	95	1900	2600	10,0	24124 CCK30/W33 *
120	200	80	655	950	95	-	560	10,5	24124-2CS5/VT143 *
120	215	58	630	765	73,5	2800	3800	8,70	22224 E *

120	215	58	630	765	73,5	2800	3800	8,50	22224 EK *
120	215	69	630	765	73,5	-	750	9,75	BS2-2224-2CS5/VT143 *
120	215	69	630	765	73,5	-	750	9,75	BS2-2224-2CS5K/VT143 *
120	215	76	695	930	93	2000	2800	12,0	23224 CC/W33 *
120	215	76	695	930	93	2000	2800	11,5	23224 CCK/W33 *
120	260	86	965	1120	100	2000	2600	23,0	22324 CC/W33 *
120	260	86	965	1120	100	2000	2600	23,0	22324 CCJA/W33VA405 *
120	260	86	965	1120	100	2000	2600	23,0	22324 CCJA/W33VA406 *
120	260	86	965	1120	100	2000	2600	22,5	22324 CCK/W33 *
120	260	86	965	1120	100	2000	2600	22,5	22324 CCKJA/W33VA405 *
125	210	53	465	680	68	2600	3400	9,40	23028 CCK/W33 + H 3028 *
125	225	68	630	900	88	2200	2800	14,3	23128 CCK/W33 + H 3128
125	250	68	710	900	86,5	2400	3200	17,8	22228 CCK/W33 + H 3128 *
125	250	88	915	1250	120	1700	2400	24,0	23228 CCK/W33 + H 2328 *
125	300	102	1290	1560	132	1700	2200	41,0	22328 CCK/W33 + H 2328 *
125	200	52	430	610	62	2800	3600	6,75	23026 CCK/W33 + AHX 3026 *
125	200	69	540	815	81,5	2000	3000	8,65	24026 CCK30/W33 + AH 24026 *
125	210	64	560	780	78	2400	3200	9,60	23126 CCK/W33 + AHX 3126 *
125	210	80	680	1000	100	1800	2400	11,7	24126 CCK30/W33 + AH 24126 *
125	230	64	735	930	88	2600	3600	11,6	22226 EK + AHX 3126 *
125	230	80	780	1060	104	1900	2600	15,5	23226 CCK/W33 + AHX 3226 G *
125	280	93	1120	1320	114	1800	2400	30,5	22326 CCK/W33 + AHX 2326 G *
130	200	52	430	610	62	2800	3600	6,00	23026 CC/W33 *
130	200	52	430	610	62	2800	3600	5,80	23026 CCK/W33 *
130	200	52	430	610	62	-	800	6,00	23026-2CS5/VT143 *
130	200	69	540	815	81,5	2000	3000	8,05	24026 CC/W33 *
130	200	69	540	815	81,5	2000	3000	7,90	24026 CCK30/W33 *
130	200	69	540	815	81,5	-	600	8,05	24026-2CS5/VT143 *
130	210	64	560	780	78	2400	3200	8,80	23126 CC/W33 *
130	210	64	560	780	78	2400	3200	8,50	23126 CCK/W33 *
130	210	80	680	1000	100	1800	2400	11,0	24126 CC/W33 *

130	210	80	680	1000	100	1800	2400	11,0	24126 CCK30/W33 *
130	210	80	680	1000	100	-	530	11,0	24126-2CS5/VT143 *
130	230	64	735	930	88	2600	3600	11,0	22226 E *
130	230	64	735	930	88	2600	3600	10,7	22226 EK *
130	230	75	735	930	88	-	700	11,0	BS2-2226-2CS5/VT143 *
130	230	75	735	930	88	-	700	11,0	BS2-2226-2CS5K/VT143 *
130	230	80	780	1060	104	1900	2600	14,5	23226 CC/W33 *
130	230	80	780	1060	104	1900	2600	14,0	23226 CCK/W33 *
130	230	80	780	1060	104	-	500	13,8	23226-2CS5/VT143 *
130	230	80	780	1060	104	-	500	13,8	23226-2CS5K/VT143 *
130	280	93	1120	1320	114	1800	2400	29,0	22326 CC/W33 *
130	280	93	1120	1320	114	1800	2400	29,0	22326 CCJA/W33VA405 *
130	280	93	1120	1320	114	1800	2400	29,0	22326 CCJA/W33VA406 *
130	280	93	1120	1320	114	1800	2400	28,5	22326 CCK/W33 *
130	280	93	1120	1320	114	1800	2400	28,5	22326 CCKJA/W33VA405 *
130	280	93	1120	1320	114	-	500	27,6	22326-2CS5/VT143 *
130	280	93	1120	1320	114	-	500	27,6	22326-2CS5K/VT143 *
135	225	56	510	750	73,5	2400	3200	11,0	23030 CCK/W33 + H 3030 *
135	250	80	830	1200	114	2000	2600	20,8	23130 CCK/W33 + H 3130
135	270	73	850	1080	102	2200	3000	22,8	22230 CCK/W33 + H 3130 *
135	270	96	1080	1460	137	1600	2200	30,0	23230 CCK/W33 + H 2330 *
135	320	108	1460	1760	146	1600	2000	47,4	22330 CCK/W33 + H 2330 *
135	210	53	465	680	68	2600	3400	7,35	23028 CCK/W33 + AHX 3028 *
135	210	69	570	900	88	2000	2800	9,20	24028 CCK30/W33 + AH 24028 *
135	225	68	630	900	88	2200	2800	11,5	23128 CCK/W33 + AHX 3128 *
135	225	85	765	1160	112	1700	2400	14,3	24128 CCK30/W33 + AH 24128 *
135	250	68	710	900	86,5	2400	3200	15,0	22228 CCK/W33 + AHX 3128 *
135	250	88	915	1250	120	1700	2400	20,5	23228 CCK/W33 + AHX 3228 G *
135	300	102	1290	1560	132	1700	2200	38,0	22328 CCK/W33 + AHX 2328 G *
140	210	53	465	680	68	2600	3400	6,55	23028 CC/W33 *
140	210	53	465	680	68	2600	3400	6,35	23028 CCK/W33 *

140	210	53	465	680	68	-	700	6,55	23028-2CS5/VT143 *
140	210	53	465	680	68	-	700	6,55	23028-2CS5K/VT143 *
140	210	69	570	900	88	2000	2800	8,55	24028 CC/W33 *
140	210	69	570	900	88	2000	2800	8,40	24028 CCK30/W33 *
140	210	69	570	900	88	-	560	8,55	24028-2CS5/VT143 *
140	225	68	630	900	88	2200	2800	10,5	23128 CC/W33 *
140	225	68	630	900	88	2200	2800	10,0	23128 CCK/W33 *
140	225	85	765	1160	112	1700	2400	13,5	24128 CC/W33 *
140	225	85	765	1160	112	1700	2400	13,5	24128 CCK30/W33 *
140	225	85	765	1160	112	-	450	13,5	24128-2CS5/VT143 *
140	250	68	710	900	86,5	2400	3200	14,0	22228 CC/W33 *
140	250	68	710	900	86,5	2400	3200	13,5	22228 CCK/W33 *
140	250	68	710	900	86,5	-	670	14,0	22228-2CS5/VT143 *
140	250	68	710	900	86,5	-	670	14,0	22228-2CS5K/VT143 *
140	250	88	915	1250	120	1700	2400	19,0	23228 CC/W33 *
140	250	88	915	1250	120	1700	2400	18,5	23228 CCK/W33 *
140	250	88	915	1250	120	-	480	19,0	23228-2CS5/VT143 *
140	250	88	915	1250	120	-	480	19,0	23228-2CS5K/VT143 *
140	300	102	1290	1560	132	1700	2200	36,5	22328 CC/W33 *
140	300	102	1290	1560	132	1700	2200	36,5	22328 CCJA/W33VA405 *
140	300	102	1290	1560	132	1700	2200	36,5	22328 CCJA/W33VA406 *
140	300	102	1290	1560	132	1700	2200	36,0	22328 CCK/W33 *
140	300	102	1290	1560	132	1700	2200	35,5	22328 CCKJA/W33VA405 *
140	240	60	585	880	83	2400	3000	14,5	23032 CCK/W33 + H 3032 *
140	270	86	980	1370	129	1900	2400	27,3	23132 CCK/W33 + H 3132 *
140	290	80	1000	1290	118	2000	2800	29,3	22232 CCK/W33 + H 3132 *
140	290	104	1220	1660	153	1500	2200	38,8	23232 CCK/W33 + H 2332 *
140	340	114	1600	1960	160	1500	1900	60,0	22332 CCK/W33 + H 2332 *
145	225	56	510	750	73,5	2400	3200	8,85	23030 CCK/W33 + AHX 3030 *
145	225	75	655	1040	100	1800	2600	11,3	24030 CCK30/W33 + AH 24030 *
145	250	80	830	1200	114	2000	2600	17,0	23130 CCK/W33 + AHX 3130 G *

145	250	100	1020	1530	146	1500	2200	21,0	24130 CCK30/W33 + AH 24130 *
145	270	73	850	1080	102	2200	3000	19,0	22230 CCK/W33 + AHX 3130 G *
145	270	96	1080	1460	137	1600	2200	26,0	23230 CCK/W33 + AHX 3230 G *
145	320	108	1460	1760	146	1600	2000	45,5	22330 CCK/W33 + AHX 2330 G *
150	225	56	510	750	73,5	2400	3200	7,95	23030 CC/W33 *
150	225	56	510	750	73,5	2400	3200	7,70	23030 CCK/W33 *
150	225	56	510	750	73,5	-	670	7,95	23030-2CS5/VT143 *
150	225	56	510	750	73,5	-	670	7,95	23030-2CS5K/VT143 *
150	225	75	655	1040	100	1800	2600	10,5	24030 CC/W33 *
150	225	75	655	1040	100	1800	2600	10,5	24030 CCK30/W33 *
150	225	75	655	1040	100	-	530	10,5	24030-2CS5/VT143 *
150	250	80	830	1200	114	2000	2600	16,0	23130 CC/W33 *
150	250	80	830	1200	114	2000	2600	15,5	23130 CCK/W33 *
150	250	100	1020	1530	146	1500	2200	20,0	24130 CC/W33 *
150	250	100	1020	1530	146	1500	2200	19,5	24130 CCK30/W33 *
150	250	100	1020	1530	146	-	400	20,0	24130-2CS5/VT143 *
150	270	73	850	1080	102	2200	3000	18,0	22230 CC/W33 *
150	270	73	850	1080	102	2200	3000	17,5	22230 CCK/W33 *
150	270	73	850	1080	102	-	630	17,5	22230-2CS5/VT143 *
150	270	73	850	1080	102	-	630	17,5	22230-2CS5K/VT143 *
150	270	96	1080	1460	137	1600	2200	24,5	23230 CC/W33 *
150	270	96	1080	1460	137	1600	2200	24,0	23230 CCK/W33 *
150	270	96	1080	1460	137	-	430	23,3	23230-2CS5/VT143 *
150	270	96	1080	1460	137	-	430	23,3	23230-2CS5K/VT143 *
150	320	108	1460	1760	146	1600	2000	43,5	22330 CC/W33 *
150	320	108	1460	1760	146	1600	2000	43,5	22330 CCJA/W33VA405 *
150	320	108	1460	1760	146	1600	2000	43,5	22330 CCJA/W33VA406 *
150	320	108	1460	1760	146	1600	2000	42,5	22330 CCK/W33 *
150	320	108	1460	1760	146	1600	2000	42,5	22330 CCKJA/W33VA405 *
150	260	67	710	1060	100	2200	2800	18,3	23034 CCK/W33 + H 3034 *
150	280	88	1040	1500	137	1800	2400	29,5	23134 CCK/W33 + H 3134 *

150	310	86	1120	1460	132	1900	2600	36,0	22234 CCK/W33 + H 3134 *
150	310	110	1400	1930	173	1400	2000	46,4	23234 CCK/W33 + H 2334 *
150	360	120	1760	2160	176	1400	1800	69,5	22334 CCK/W33 + H 2334 *
150	240	60	585	880	83	2400	3000	11,5	23032 CCK/W33 + AH 3032 *
150	240	80	750	1200	114	1700	2400	14,8	24032 CCK30/W33 + AH 24032 *
150	270	86	980	1370	129	1900	2400	23,0	23132 CCK/W33 + AH 3132 G *
150	270	109	1180	1760	163	1400	1900	28,5	24132 CCK30/W33 + AH 24132 *
150	290	80	1000	1290	118	2000	2800	25,0	22232 CCK/W33 + AH 3132 G *
150	290	104	1220	1660	153	1500	2200	34,5	23232 CCK/W33 + AH 3232 G *
150	340	114	1600	1960	160	1500	1900	56,0	22332 CCK/W33 + AH 2332 G *
160	240	60	585	880	83	2400	3000	9,70	23032 CC/W33 *
160	240	60	585	880	83	2400	3000	9,40	23032 CCK/W33 *
160	240	60	585	880	83	-	670	9,70	23032-2CS5/VT143 *
160	240	60	585	880	83	-	670	9,70	23032-2CS5K/VT143 *
160	240	80	750	1200	114	1700	2400	13,0	24032 CC/W33 *
160	240	80	750	1200	114	1700	2400	13,0	24032 CCK30/W33 *
160	240	80	750	1200	114	-	450	13,0	24032-2CS5/VT143 *
160	240	80	750	1200	114	-	450	13,0	24032-2CS5K30/VT143 *
160	270	86	980	1370	129	1900	2400	20,5	23132 CC/W33 *
160	270	86	980	1370	129	1900	2400	20,0	23132 CCK/W33 *
160	270	86	980	1370	129	-	530	20,5	23132-2CS5/VT143 *
160	270	109	1180	1760	163	1400	1900	25,0	24132 CC/W33 *
160	270	109	1180	1760	163	1400	1900	24,5	24132 CCK30/W33 *
160	290	80	1000	1290	118	2000	2800	22,5	22232 CC/W33 *
160	290	80	1000	1290	118	2000	2800	22,0	22232 CCK/W33 *
160	290	80	1000	1290	118	-	600	22,5	22232-2CS5/VT143 *
160	290	80	1000	1290	118	-	600	22,5	22232-2CS5K/VT143 *
160	290	104	1220	1660	153	1500	2200	31,0	23232 CC/W33 *
160	290	104	1220	1660	153	1500	2200	30,0	23232 CCK/W33 *
160	340	114	1600	1960	160	1500	1900	52,0	22332 CC/W33 *
160	340	114	1600	1960	160	1500	1900	52,0	22332 CCJA/W33VA405 *

160	340	114	1600	1960	160	1500	1900	52,0	22332 CCJA/W33VA406 *
160	340	114	1600	1960	160	1500	1900	51,0	22332 CCK/W33 *
160	340	114	1600	1960	160	1500	1900	51,0	22332 CCKJA/W33VA405 *
160	250	52	431	830	76,5	2200	2800	13,4	23936 CCK/W33 + H 3936
160	280	74	830	1250	114	2000	2600	23,2	23036 CCK/W33 + H 3036 *
160	300	96	1200	1760	160	1700	2200	37,0	23136 CCK/W33 + H 3136 *
160	320	86	1180	1560	140	1800	2600	38,2	22236 CCK/W33 + H 3136 *
160	320	112	1500	2120	186	1300	1900	49,5	23236 CCK/W33 + H 2336 *
160	380	126	2000	2450	193	1300	1700	80,0	22336 CCK/W33 + H 2336 *
160	260	67	710	1060	100	2200	2800	15,0	23034 CCK/W33 + AH 3034 *
160	260	90	930	1460	137	1600	2400	20,0	24034 CCK30/W33 + AH 24034 *
160	280	88	1040	1500	137	1800	2400	25,0	23134 CCK/W33 + AH 3134 G *
160	280	109	1220	1860	170	1300	1900	30,0	24134 CCK30/W33 + AH 24134 *
160	310	86	1120	1460	132	1900	2600	31,0	22234 CCK/W33 + AH 3134 G *
160	310	110	1400	1930	173	1400	2000	41,0	23234 CCK/W33 + AH 3234 G *
160	360	120	1760	2160	176	1400	1800	65,0	22334 CCK/W33 + AH 2334 G *
170	260	67	710	1060	100	2200	2800	13,0	23034 CC/W33 *
170	260	67	710	1060	100	2200	2800	12,6	23034 CCK/W33 *
170	260	67	710	1080	100	-	630	13,0	23034-2CS5/VT143 *
170	260	67	710	1080	100	-	630	13,0	23034-2CS5K/VT143 *
170	260	90	930	1460	137	1600	2400	17,5	24034 CC/W33 *
170	260	90	930	1460	137	1600	2400	17,0	24034 CCK30/W33 *
170	260	90	930	1460	137	-	400	17,5	24034-2CS5/VT143 *
170	280	88	1040	1500	137	1800	2400	22,0	23134 CC/W33 *
170	280	88	1040	1500	137	1800	2400	21,5	23134 CCK/W33 *
170	280	88	1040	1500	137	-	480	20,3	23134-2CS5/VT143 *
170	280	88	1040	1500	137	-	480	20,3	23134-2CS5K/VT143 *
170	280	109	1220	1860	170	1300	1900	27,5	24134 CC/W33 *
170	280	109	1220	1860	170	1300	1900	27,0	24134 CCK30/W33 *
170	310	86	1120	1460	132	1900	2600	28,5	22234 CC/W33 *
170	310	86	1120	1460	132	1900	2600	28,0	22234 CCK/W33 *

170	310	86	1120	1460	134	-	500	28,5	22234-2CS5/VT143 *
170	310	86	1120	1460	134	-	500	28,5	22234-2CS5K/VT143 *
170	310	110	1400	1930	173	1400	2000	37,5	23234 CC/W33 *
170	310	110	1400	1930	173	1400	2000	36,5	23234 CCK/W33 *
170	360	120	1760	2160	176	1400	1800	61,0	22334 CC/W33 *
170	360	120	1760	2160	176	1400	1800	61,0	22334 CCJA/W33VA405 *
170	360	120	1760	2160	176	1400	1800	61,0	22334 CCJA/W33VA406 *
170	360	120	1760	2160	176	1400	1800	59,5	22334 CCK/W33 *
170	360	120	1760	2160	176	1400	1800	59,5	22334 CCKJA/W33VA405 *
170	260	52	414	800	76,5	2200	2600	14,5	23938 CCK/W33 + H 3938
170	290	75	865	1340	122	1900	2400	24,8	23038 CCK/W33 + H 3038 *
170	320	104	1370	2080	183	1500	2000	44,5	23138 CCK/W33 + H 3138 *
170	340	92	1270	1700	150	1700	2400	46,0	22238 CCK/W33 + H 3138 *
170	340	120	1660	2400	208	1300	1800	59,0	23238 CCK/W33 + H 2338 *
170	400	132	2120	2650	208	1200	1600	93,0	22338 CCK/W33 + H 2338 *
170	280	74	830	1250	114	2000	2600	19,3	23036 CCK/W33 + AH 3036 *
170	280	100	1080	1730	156	1300	2200	25,7	24036 CCK30/W33 + AH 24036 *
170	300	96	1200	1760	160	1700	2200	32,0	23136 CCK/W33 + AH 3136 G *
170	300	118	1400	2160	196	1300	1700	37,0	24136 CCK30/W33 + AH 24136 *
170	320	86	1180	1560	140	1800	2600	32,5	22236 CCK/W33 + AH 2236 G *
170	320	112	1500	2120	186	1300	1900	43,5	23236 CCK/W33 + AH 3236 G *
170	380	126	2000	2450	193	1300	1700	76,0	22336 CCK/W33 + AH 2336 G *
180	250	52	431	830	76,5	2200	2800	7,90	23936 CC/W33
180	250	52	431	830	76,5	2200	2800	7,65	23936 CCK/W33
180	280	74	830	1250	114	2000	2600	17,0	23036 CC/W33 *
180	280	74	830	1250	114	2000	2600	16,5	23036 CCK/W33 *
180	280	74	850	1270	114	-	560	16,1	23036-2CS5/VT143 *
180	280	74	850	1270	114	-	560	16,1	23036-2CS5K/VT143 *
180	280	100	1080	1730	156	1300	2200	23,0	24036 CC/W33 *
180	280	100	1080	1730	156	1300	2200	22,5	24036 CCK30/W33 *
180	280	100	1080	1730	156	-	380	23,0	24036-2CS5/VT143 *

180	300	96	1200	1760	160	1700	2200	28,0	23136 CC/W33 *
180	300	96	1200	1760	160	1700	2200	27,0	23136 CCK/W33 *
180	300	96	1200	1800	160	-	430	26,1	23136-2CS5/VT143 *
180	300	96	1200	1800	160	-	430	26,1	23136-2CS5K/VT143 *
180	300	118	1400	2160	196	1300	1700	34,5	24136 CC/W33 *
180	300	118	1400	2160	196	1300	1700	34,0	24136 CCK30/W33 *
180	320	86	1180	1560	140	1800	2600	29,5	22236 CC/W33 *
180	320	86	1180	1560	140	1800	2600	29,0	22236 CCK/W33 *
180	320	112	1500	2120	186	1300	1900	39,5	23236 CC/W33 *
180	320	112	1500	2120	186	1300	1900	38,5	23236 CCK/W33 *
180	380	126	2000	2450	193	1300	1700	71,5	22336 CC/W33 *
180	380	126	2000	2450	193	1300	1700	71,5	22336 CCJA/W33VA405 *
180	380	126	2000	2450	193	1300	1700	71,5	22336 CCJA/W33VA406 *
180	380	126	2000	2450	193	1300	1700	70,0	22336 CCK/W33 *
180	380	126	2000	2450	193	1300	1700	70,0	22336 CCKJA/W33VA405 *
180	280	60	546	1040	93	2000	2400	19,0	23940 CCK/W33 + H 3940
180	310	82	1000	1530	137	1800	2200	31,7	23040 CCK/W33 + H 3040 *
180	340	112	1600	2360	204	1500	1900	55,5	23140 CCK/W33 + H 3140 *
180	360	98	1460	1930	166	1600	2200	66,0	22240 CCK/W33 + H 3140 *
180	360	128	1860	2700	228	1200	1700	70,0	23240 CCK/W33 + H 2340 *
180	420	138	2320	2900	224	1200	1500	107	22340 CCK/W33 + H 2340 *
180	290	75	865	1340	122	1900	2400	21,0	23038 CCK/W33 + AH 3038 G *
180	290	100	1120	1800	163	1400	2000	27,5	24038 CCK30/W33 + AH 24038 *
180	320	104	1370	2080	183	1500	2000	38,5	23138 CCK/W33 + AH 3138 G *
180	320	128	1600	2500	212	1200	1600	46,5	24138 CCK30/W33 + AH 24138 *
180	340	92	1270	1700	150	1700	2400	39,5	22238 CCK/W33 + AH 2238 G *
180	340	120	1660	2400	208	1300	1800	52,5	23238 CCK/W33 + AH 3238 G *
180	400	132	2120	2650	208	1200	1600	87,5	22338 CCK/W33 + AH 2338 G *
190	260	52	414	800	76,5	2200	2600	8,30	23938 CC/W33
190	260	52	414	800	76,5	2200	2600	8,05	23938 CCK/W33
190	290	75	865	1340	122	1900	2400	18,0	23038 CC/W33 *

190	290	75	865	1340	122	1900	2400	17,5	23038 CCK/W33 *
190	290	100	1120	1800	163	1400	2000	24,5	24038 CC/W33 *
190	290	100	1120	1800	163	1400	2000	24,0	24038 CCK30/W33 *
190	320	104	1370	2080	183	1500	2000	35,0	23138 CC/W33 *
190	320	104	1370	2080	183	1500	2000	34,0	23138 CCK/W33 *
190	320	128	1600	2500	212	1200	1600	43,0	24138 CC/W33 *
190	320	128	1600	2500	212	1200	1600	42,5	24138 CCK30/W33 *
190	320	128	1 600	2 500	212	-	340	43,0	24138-2CS5/VT143 *
190	340	92	1270	1700	150	1700	2400	36,5	22238 CC/W33 *
190	340	92	1270	1700	150	1700	2400	35,5	22238 CCK/W33 *
190	340	120	1660	2400	208	1300	1800	48,0	23238 CC/W33 *
190	340	120	1660	2400	208	1300	1800	46,5	23238 CCK/W33 *
190	400	132	2120	2650	208	1200	1600	82,5	22338 CC/W33 *
190	400	132	2120	2650	208	1200	1600	82,5	22338 CCJA/W33VA405 *
190	400	132	2120	2650	208	1200	1600	82,5	22338 CCJA/W33VA406 *
190	400	132	2120	2650	208	1200	1600	81,0	22338 CCK/W33 *
190	400	132	2120	2650	208	1200	1600	81,0	22338 CCKJA/W33VA405 *
190	310	82	1000	1530	137	1800	2200	26,3	23040 CCK/W33 + AH 3040 G *
190	310	109	1290	2120	186	1300	1900	34,5	24040 CCK30/W33 + AH 24040 *
190	340	112	1600	2360	204	1500	1900	48,5	23140 CCK/W33 + AH 3140 *
190	340	140	1800	2800	232	1100	1500	57,5	24140 CCK30/W33 + AH 24140 *
190	360	98	1460	1930	166	1600	2200	47,0	22240 CCK/W33 + AH 2240 *
190	360	128	1860	2700	228	1200	1700	63,0	23240 CCK/W33 + AH 3240 *
190	420	138	2320	2900	224	1200	1500	100	22340 CCK/W33 + AH 2340 *
200	280	60	546	1040	93	2000	2400	11,5	23940 CC/W33
200	280	60	546	1040	93	2000	2400	11,0	23940 CCK/W33
200	310	82	1000	1530	137	1800	2200	23,3	23040 CC/W33 *
200	310	82	1000	1530	137	1800	2200	22,6	23040 CCK/W33 *
200	310	109	1290	2120	186	1300	1900	31,0	24040 CC/W33 *
200	310	109	1290	2120	186	1300	1900	30,5	24040 CCK30/W33 *
200	340	112	1600	2360	204	1500	1900	43,0	23140 CC/W33 *

200	340	112	1600	2360	204	1500	1900	41,5	23140 CCK/W33 *
200	340	112	1800	2800	232	-	320	53,5	23140-2CS5/VT143 *
200	340	140	1800	2800	232	-	320	53,5	23140-2CS5K/VT143 *
200	340	140	1800	2800	232	1100	1500	53,5	24140 CC/W33 *
200	340	140	1800	2800	232	1100	1500	52,5	24140 CCK30/W33 *
200	340	140	1800	2800	232	-	320	53,5	24140-2CS *
200	360	98	1460	1930	166	1600	2200	43,5	22240 CC/W33 *
200	360	98	1460	1930	166	1600	2200	42,5	22240 CCK/W33 *
200	360	128	1860	2700	228	1200	1700	58,0	23240 CC/W33 *
200	360	128	1860	2700	228	1200	1700	56,5	23240 CCK/W33 *
200	360	128	1860	2700	228	-	430	58,0	23240-2CS2/VT143 *
200	360	128	1860	2700	228	-	430	58,0	23240-2CS5/VT143 *
200	420	138	2320	2900	224	1200	1500	95,0	22340 CC/W33 *
200	420	138	2320	2900	224	1200	1500	95,0	22340 CCJA/W33VA405 *
200	420	138	2320	2900	224	1200	1500	95,0	22340 CCJA/W33VA406 *
200	420	138	2320	2900	224	1200	1500	93,0	22340 CCK/W33 *
200	420	138	2320	2900	224	1200	1500	93,0	22340 CCKJA/W33VA405 *
200	300	60	546	1080	93	1900	2200	22,5	23944 CCK/W33 + OH 3944 H
200	340	90	1220	1860	163	1600	2000	39,4	23044 CCK/W33 + OH 3044 H *
200	370	120	1800	2750	232	1300	1700	67,5	23144 CCK/W33 + OH 3144 H *
200	400	108	1760	2360	196	1500	2000	74,0	22244 CCK/W33 + OH 3144 H *
200	400	144	2360	3450	285	1100	1500	96,5	23244 CCK/W33 + OH 2344 H *
200	460	145	2700	3450	260	1000	1400	135	22344 CCK/W33 + OH 2344 H *
200	340	90	1220	1860	163	1600	2000	36,5	23044 CCK/W33 + AOH 3044 G *
200	340	118	1560	2600	212	1200	1700	47,5	24044 CCK30/W33 + AOH 24044 *
200	370	120	1800	2750	232	1300	1700	61,5	23144 CCK/W33 + AOH 3144 *
200	370	150	2120	3350	285	1000	1400	76,0	24144 CCK30/W33 + AOH 24144 *
200	400	108	1760	2360	196	1500	2000	68,0	22244 CCK/W33 + AOH 2244 *
200	400	144	2360	3450	285	1100	1500	93,0	23244 CCK/W33 + AOH 2344 *
200	460	145	2700	3450	260	1000	1400	130	22344 CCK/W33 + AOH 2344 *
220	300	60	546	1080	93	1900	2200	12,5	23944 CC/W33

220	300	60	546	1080	93	1900	2200	12,0	23944 CCK/W33
220	300	60	546	1 080	93	-	600	12,5	23944-2CS/VT143
220	340	90	1220	1860	163	1600	2000	30,5	23044 CC/W33 *
220	340	90	1220	1860	163	1600	2000	29,5	23044 CCK/W33 *
220	340	118	1560	2600	212	1200	1700	40,0	24044 CC/W33 *
220	340	118	1560	2600	212	1200	1700	39,5	24044 CCK30/W33 *
220	370	120	1800	2750	232	1300	1700	53,5	23144 CC/W33 *
220	370	120	1800	2750	232	1300	1700	52,0	23144 CCK/W33 *
220	370	150	2120	3350	285	1000	1400	67,0	24144 CC/W33 *
220	370	150	2120	3350	285	1000	1400	66,0	24144 CCK30/W33 *
220	400	108	1760	2360	196	1500	2000	60,5	22244 CC/W33 *
220	400	108	1760	2360	196	1500	2000	59,0	22244 CCK/W33 *
220	400	144	2360	3450	285	1100	1500	81,5	23244 CC/W33 *
220	400	144	2360	3450	285	1100	1500	79,0	23244 CCK/W33 *
220	460	145	2700	3450	260	1000	1400	120	22344 CC/W33 *
220	460	145	2700	3450	260	1000	1400	120	22344 CCJA/W33VA405 *
220	460	145	2700	3450	260	1000	1400	115	22344 CCK/W33 *
220	460	145	2700	3450	260	1000	1400	115	22344 CCKJA/W33VA405 *
220	320	60	564	1160	98	1700	2000	24,5	23948 CCK/W33 + OH 3948 H
220	360	92	1290	2080	176	1500	1900	44,5	23048 CCK/W33 + OH 3048 H *
220	400	128	2080	3200	255	1200	1600	80,5	23148 CCK/W33 + OH 3148 H *
220	440	120	2200	3000	245	1300	1800	99,0	22248 CCK/W33 + OH 3148 H *
220	440	160	2900	4300	345	950	1300	125	23248 CCK/W33 + OH 2348 H *
220	500	155	3100	4000	290	950	1300	170	22348 CCK/W33 + OH 2348 H *
220	360	92	1290	2080	176	1500	1900	40,5	23048 CCK/W33 + AOH 3048 *
220	360	118	1600	2700	228	1100	1600	50,5	24048 CCK30/W33 + AOH 24048 *
220	400	128	2080	3200	255	1200	1600	76,5	23148 CCK/W33 + AOH 3148 *
220	400	160	2400	3900	320	900	1300	91,5	24148 CCK30/W33 + AOH 24148 *
220	440	120	2200	3000	245	1300	1800	95,0	22248 CCK/W33 + AOH 2248 *
220	440	160	2900	4300	345	950	1300	120	23248 CCK/W33 + AOH 2348 *
220	500	155	3100	4000	290	950	1300	165	22348 CCK/W33 + AOH 2348 *

240	320	60	564	1160	98	1700	2000	13,5	23948 CC/W33
240	320	60	564	1160	98	1700	2000	13,0	23948 CCK/W33
240	360	92	1290	2080	176	1500	1900	33,5	23048 CC/W33 *
240	360	92	1290	2080	176	1500	1900	32,5	23048 CCK/W33 *
240	360	118	1600	2700	228	1100	1600	43,0	24048 CC/W33 *
240	360	118	1600	2700	228	1100	1600	42,5	24048 CCK30/W33 *
240	400	128	2080	3200	255	1200	1600	66,5	23148 CC/W33 *
240	400	128	2080	3200	255	1200	1600	64,5	23148 CCK/W33 *
240	400	160	2400	3900	320	900	1300	83,0	24148 CC/W33 *
240	400	160	2400	3900	320	900	1300	81,5	24148 CCK30/W33 *
240	440	120	2200	3000	245	1300	1800	83,0	22248 CC/W33 *
240	440	120	2200	3000	245	1300	1800	81,0	22248 CCK/W33 *
240	440	160	2900	4300	345	950	1300	110	23248 CC/W33 *
240	440	160	2900	4300	345	950	1300	105	23248 CCK/W33 *
240	500	155	3100	4000	290	950	1300	155	22348 CC/W33 *
240	500	155	3100	4000	290	950	1300	155	22348 CCJA/W33VA405 *
240	500	155	3100	4000	290	950	1300	150	22348 CCK/W33 *
240	500	155	3100	4000	290	950	1300	150	22348 CCKJA/W33VA405 *
240	360	75	880	1800	156	1500	1900	35,0	23952 CCK/W33 + OH 3952 H
240	400	104	1600	2550	212	1300	1700	60,5	23052 CCK/W33 + OH 3052 H *
240	440	144	2550	3900	290	1100	1400	109	23152 CCK/W33 + OH 3152 H *
240	480	130	2650	3550	285	1200	1600	130	22252 CCK/W33 + OH 3152 H *
240	480	174	3250	4750	360	850	1200	160	23252 CCK/W33 + OH 2352 H *
240	540	165	3550	4550	325	850	1100	215	22352 CCK/W33 + OH 2352 H *
240	400	104	1600	2550	212	1300	1700	56,5	23052 CCK/W33 + AOH 3052 *
240	400	140	2040	3450	285	1000	1400	75,0	24052 CCK30/W33 + AOH 24052 G *
240	440	144	2550	3900	290	1100	1400	105	23152 CCK/W33 + AOH 3152 G *
240	440	180	3000	4800	380	850	1200	120	24152 CCK30/W33 + AOH 24152 *
240	480	130	2650	3550	285	1200	1600	120	22252 CCK/W33 + AOH 2252 G *
240	480	174	3250	4750	360	850	1200	155	23252 CCK/W33 + AOH 2352 G *
240	540	165	3550	4550	325	850	1100	205	22352 CCK/W33 + AOH 2352 G *

260	360	75	880	1800	156	1500	1900	23,5	23952 CC/W33
260	360	75	880	1800	156	1500	1900	22,5	23952 CCK/W33
260	400	104	1600	2550	212	1300	1700	48,5	23052 CC/W33 *
260	400	104	1600	2550	212	1300	1700	47,0	23052 CCK/W33 *
260	400	140	2040	3450	285	1000	1400	65,5	24052 CC/W33 *
260	400	140	2040	3450	285	1000	1400	64,5	24052 CCK30/W33 *
260	440	144	2550	3900	290	1100	1400	90,5	23152 CC/W33 *
260	440	144	2550	3900	290	1100	1400	87,5	23152 CCK/W33 *
260	440	180	3000	4800	380	850	1200	110	24152 CC/W33 *
260	440	180	3000	4800	380	850	1200	110	24152 CCK30/W33 *
260	480	130	2650	3550	285	1200	1600	110	22252 CC/W33 *
260	480	130	2650	3550	285	1200	1600	108	22252 CCK/W33 *
260	480	174	3250	4750	360	850	1200	140	23252 CC/W33 *
260	480	174	3250	4750	360	850	1200	135	23252 CCK/W33 *
260	540	165	3550	4550	325	850	1100	190	22352 CC/W33 *
260	540	165	3550	4550	325	850	1100	185	22352 CCK/W33 *
260	380	75	845	1760	143	1400	1700	40,0	23956 CCK/W33 + OH 3956 H *
260	420	106	1730	2850	224	1300	1600	67,0	23056 CCK/W33 + OH 3056 H *
260	460	146	2650	4250	335	1000	1300	115	23156 CCK/W33 + OH 3156 H *
260	500	130	2700	3750	300	1100	1500	135	22256 CCK/W33 + OH 3156 H *
260	500	176	3250	4900	365	800	1100	165	23256 CCK/W33 + OH 2356 H *
260	580	175	4000	5200	365	800	1100	250	22356 CCK/W33 + OH 2356 H *
260	420	106	1730	2850	224	1300	1600	62,0	23056 CCK/W33 + AOH 3056 *
260	420	140	2160	3800	285	950	1400	79,0	24056 CCK30/W33 + AOH 24056 G *
260	460	146	2650	4250	335	1000	1300	110	23156 CCK/W33 + AOH 3156 G *
260	460	180	3100	5100	415	800	1100	130	24156 CCK30/W33 + AOH 24156 *
260	500	130	2700	3750	300	1100	1500	125	22256 CCK/W33 + AOH 2256 G *
260	500	176	3250	4900	365	800	1100	160	23256 CCK/W33 + AOH 2356 G *
260	580	175	4000	5200	365	800	1100	245	22356 CCK/W33 + AOH 2356 G *
280	380	75	845	1760	143	1400	1700	25,0	23956 CC/W33
280	380	75	845	1760	143	1400	1700	24,0	23956 CCK/W33

280	420	106	1730	2850	224	1300	1600	52,5	23056 CC/W33 *
280	420	106	1730	2850	224	1300	1600	51,0	23056 CCK/W33 *
280	420	140	2160	3800	285	950	1400	69,5	24056 CC/W33 *
280	420	140	2160	3800	285	950	1400	68,5	24056 CCK30/W33 *
280	460	146	2650	4250	335	1000	1300	97,0	23156 CC/W33 *
280	460	146	2650	4250	335	1000	1300	94,0	23156 CCK/W33 *
280	460	180	3100	5100	415	800	1100	120	24156 CC/W33 *
280	460	180	3100	5100	415	800	1100	120	24156 CCK30/W33 *
280	500	130	2700	3750	300	1100	1500	115	22256 CC/W33 *
280	500	130	2700	3750	300	1100	1500	115	22256 CCK/W33 *
280	500	176	3250	4900	365	800	1100	150	23256 CC/W33 *
280	500	176	3250	4900	365	800	1100	145	23256 CCK/W33 *
280	580	175	4000	5200	365	800	1100	235	22356 CC/W33 *
280	580	175	4000	5200	365	800	1100	230	22356 CCK/W33 *
280	420	90	1200	2500	200	1300	1600	58,5	23960 CCK/W33 + OH 3960 H *
280	460	118	2120	3450	265	1200	1500	90,0	23060 CCK/W33 + OH 3060 H *
280	500	160	3200	5100	380	950	1200	150	23160 CCK/W33 + OH 3160 H *
280	540	140	3150	4250	325	1000	1400	170	22260 CCK/W33 + OH 3160 H *
280	540	192	3900	5850	425	750	1000	210	23260 CCK/W33 + OH 3260 H *
280	460	118	2120	3450	265	1200	1500	82,5	23060 CCK/W33 + AOH 3060 *
280	460	160	2700	4750	335	850	1200	110	24060 CCK30/W33 + AOH 24060 G *
280	500	160	3200	5100	380	950	1200	140	23160 CCK/W33 + AOH 3160 G *
280	500	200	3750	6300	465	700	1000	180	24160 CCK30/W33 + AOH 24160 *
280	540	140	3150	4250	325	1000	1400	155	22260 CCK/W33 + AOH 2260 G *
280	540	192	3900	5850	425	750	1000	200	23260 CCK/W33 + AOH 3260 G *
300	420	90	1200	2500	200	1300	1600	39,5	23960 CC/W33
300	420	90	1200	2500	200	1300	1600	38,0	23960 CCK/W33
300	460	118	2120	3450	265	1200	1500	71,5	23060 CC/W33 *
300	460	118	2120	3450	265	1200	1500	69,5	23060 CCK/W33 *
300	460	160	2700	4750	335	850	1200	97,0	24060 CC/W33 *
300	460	160	2700	4750	335	850	1200	95,5	24060 CCK30/W33 *

300	500	160	3200	5100	380	950	1200	125	23160 CC/W33 *
300	500	160	3200	5100	380	950	1200	120	23160 CCK/W33 *
300	500	200	3750	6300	465	700	1000	160	24160 CC/W33 *
300	500	200	3750	6300	465	700	1000	160	24160 CCK30/W33 *
300	540	140	3150	4250	325	1000	1400	145	22260 CC/W33 *
300	540	140	3150	4250	325	1000	1400	140	22260 CCK/W33 *
300	540	192	3900	5850	425	750	1000	190	23260 CC/W33 *
300	540	192	3900	5850	425	750	1000	185	23260 CCK/W33 *
300	440	90	1430	2700	212	1400	1500	61,0	23964 CCK/W33 + OH 3964 H *
300	480	121	2240	3800	285	1100	1400	97,0	23064 CCK/W33 + OH 3064 H *
300	540	176	3750	6000	440	850	1100	185	23164 CCK/W33 + OH 3164 H *
300	580	150	3600	4900	375	950	1300	200	22264 CCK/W33 + OH 3164 H *
300	580	208	4400	6700	480	700	950	260	23264 CCK/W33 + OH 3264 H *
300	480	121	2240	3800	285	1100	1400	89,0	23064 CCK/W33 + AOH 3064 G *
300	480	160	2850	5100	400	800	1200	115	24064 CCK30/W33 + AOH 24064 G *
300	540	176	3750	6000	440	850	1100	175	23164 CCK/W33 + AOH 3164 G *
300	540	218	4250	7100	510	670	900	225	24164 CCK30/W33 + AOH 24164 *
300	580	150	3600	4900	375	950	1300	185	22264 CACK/W33 + AOH 2264 G *
300	580	208	4400	6700	480	700	950	250	23264 CCK/W33 + AOH 3264 G *
320	440	90	1430	2700	212	1400	1500	42,0	23964 CC/W33 *
320	440	90	1430	2700	212	1400	1500	40,5	23964 CCK/W33 *
320	480	121	2240	3800	285	1100	1400	78,0	23064 CC/W33 *
320	480	121	2240	3800	285	1100	1400	75,5	23064 CCK/W33 *
320	480	160	2850	5100	400	800	1200	100	24064 CC/W33 *
320	480	160	2850	5100	400	800	1200	98,5	24064 CCK30/W33 *
320	540	176	3750	6000	440	850	1100	165	23164 CC/W33 *
320	540	176	3750	6000	440	850	1100	160	23164 CCK/W33 *
320	540	218	4250	7100	510	670	900	210	24164 CC/W33 *
320	540	218	4250	7100	510	670	900	205	24164 CCK30/W33 *
320	580	150	3600	4900	375	950	1300	175	22264 CC/W33 *
320	580	150	3600	4900	375	950	1300	170	22264 CCK/W33 *

320	580	208	4400	6700	480	700	950	240	23264 CC/W33 *
320	580	208	4400	6700	480	700	950	235	23264 CCK/W33 *
320	460	90	1460	2800	216	1300	1400	67,5	23968 CCK/W33 + OH 3968 H *
320	520	133	2700	4550	335	1000	1300	130	23068 CCK/W33 + OH 3068 H *
320	580	190	4250	6800	480	800	1000	250	23168 CCK/W33 + OH 3168 H *
320	620	224	5100	7800	550	560	800	335	23268 CAK/W33 + OH 3268 H *
320	520	133	2700	4550	335	1000	1300	120	23068 CCK/W33 + AOH 3068 G *
320	520	180	3450	6200	475	750	1100	160	24068 CCK30/W33 + AOH 24068 *
320	580	190	4250	6800	480	800	1000	225	23168 CCK/W33 + AOH 3168 G *
320	580	243	5300	8650	630	600	850	295	24168 ECCK30J/W33 + AOH 24168 *
320	620	224	5100	7800	550	560	800	315	23268 CAK/W33 + AOH 3268 G *
340	460	90	1460	2800	216	1300	1400	45,5	23968 CC/W33 *
340	460	90	1460	2800	216	1300	1400	43,0	23968 CCK/W33 *
340	520	133	2700	4550	335	1000	1300	105	23068 CC/W33 *
340	520	133	2700	4550	335	1000	1300	100	23068 CCK/W33 *
340	520	180	3450	6200	475	750	1100	140	24068 CC/W33 *
340	520	180	3450	6200	475	750	1100	140	24068 CCK30/W33 *
340	580	190	4250	6800	480	800	1000	210	23168 CC/W33 *
340	580	190	4250	6800	480	800	1000	205	23168 CCK/W33 *
340	580	243	5300	8650	630	600	850	280	24168 ECCJ/W33 *
340	580	243	5300	8650	630	600	850	275	24168 ECCK30J/W33 *
340	620	224	5100	7800	550	560	800	295	23268 CA/W33 *
340	620	224	5100	7800	550	560	800	285	23268 CAK/W33 *
340	480	90	1400	2750	220	1200	1300	70,5	23972 CCK/W33 + OH 3972 H *
340	540	134	2750	4800	345	950	1200	135	23072 CCK/W33 + OH 3072 H *
340	600	192	4300	6950	490	750	1000	260	23172 CCK/W33 + OH 3172 H *
340	650	170	4300	6200	440	630	850	375	22272 CAK/W33 + OH 3172 H *
340	650	232	5400	8300	570	530	750	375	23272 CAK/W33 + OH 3272 H *
340	540	134	2750	4800	345	950	1200	125	23072 CCK/W33 + AOH 3072 G *
340	540	180	3550	6550	490	700	1000	165	24072 CCK30/W33 + AOH 24072 *
340	600	192	4300	6950	490	750	1000	235	23172 CCK/W33 + AOH 3172 G *

340	600	243	5600	9300	670	560	800	295	24172 ECCK30J/W33 + AOH 24172 *
340	650	170	4300	6200	440	630	850	275	22272 CAK/W33 + AOH 3172 G *
340	650	232	5400	8300	570	530	750	345	23272 CAK/W33 + AOH 3272 G *
360	480	90	1400	2750	220	1200	1300	46,0	23972 CC/W33 *
360	480	90	1400	2750	220	1200	1300	45,0	23972 CCK/W33 *
360	540	134	2750	4800	345	950	1200	110	23072 CC/W33 *
360	540	134	2750	4800	345	950	1200	105	23072 CCK/W33 *
360	540	180	3550	6550	490	700	1000	145	24072 CC/W33 *
360	540	180	3550	6550	490	700	1000	145	24072 CCK30/W33 *
360	600	192	4300	6950	490	750	1000	220	23172 CC/W33 *
360	600	192	4300	6950	490	750	1000	215	23172 CCK/W33 *
360	600	243	5600	9300	670	560	800	280	24172 ECCJ/W33 *
360	600	243	5600	9300	670	560	800	275	24172 ECCK30J/W33 *
360	650	170	4300	6200	440	630	850	255	22272 CA/W33 *
360	650	170	4300	6200	440	630	850	250	22272 CAK/W33 *
360	650	232	5400	8300	570	530	750	335	23272 CA/W33 *
360	650	232	5400	8300	570	530	750	325	23272 CAK/W33 *
360	520	106	1960	3800	285	1100	1200	95,0	23976 CCK/W33 + OH 3976 H *
360	560	135	2900	5000	360	900	1200	145	23076 CCK/W33 + OH 3076 H *
360	620	194	4400	7100	500	560	1000	275	23176 CAK/W33 + OH 3176 H *
360	680	240	5850	9150	620	500	750	420	23276 CAK/W33 + OH 3276 H *
360	560	135	2900	5000	360	900	1200	135	23076 CCK/W33 + AOH 3076 G *
360	560	180	3600	6800	480	670	950	170	24076 CCK30/W33 + AOH 24076 *
360	620	194	4400	7100	500	560	1000	250	23176 CAK/W33 + AOH 3176 G *
360	620	243	5700	9800	710	480	850	325	24176 ECAK30/W33 + AOH 24176 *
360	680	240	5850	9150	620	500	750	390	23276 CAK/W33 + AOH 3276 G *
380	520	106	1960	3800	285	1100	1200	69,0	23976 CC/W33 *
380	520	106	1960	3800	285	1100	1200	64,5	23976 CCK/W33 *
380	560	135	2900	5000	360	900	1200	115	23076 CC/W33 *
380	560	135	2900	5000	360	900	1200	110	23076 CCK/W33 *
380	560	180	3600	6800	480	670	950	150	24076 CC/W33 *

380	560	180	3600	6800	480	670	950	145	24076 CCK30/W33 *
380	620	194	4400	7100	500	560	1000	230	23176 CA/W33 *
380	620	194	4400	7100	500	560	1000	225	23176 CAK/W33 *
380	620	243	5700	9800	710	480	850	300	24176 ECA/W33 *
380	620	243	5700	9800	710	480	850	295	24176 ECAK30/W33 *
380	680	240	5850	9150	620	500	750	375	23276 CA/W33 *
380	680	240	5850	9150	620	500	750	365	23276 CAK/W33 *
380	540	106	2000	3900	290	1100	1200	100	23980 CCK/W33 + OH 3980 H *
380	600	148	3250	5700	400	850	1100	180	23080 CCK/W33 + OH 3080 H *
380	650	200	4650	7650	530	530	950	325	23180 CAK/W33 + OH 3180 H *
380	720	256	6550	10400	680	480	670	505	23280 CAK/W33 + OH 3280 H *
380	820	243	7500	10400	670	430	750	735	22380 CAK/W33 + OH 3280 H *
380	600	148	3250	5700	400	850	1100	165	23080 CCK/W33 + AOH 3080 G *
380	600	200	4300	8000	560	630	900	220	24080 ECCK30J/W33 + AOH 24080 *
380	650	200	4650	7650	530	530	950	290	23180 CAK/W33 + AOH 3180 G *
380	650	250	6200	10600	735	430	800	365	24180 ECAK30/W33 + AOH 24180 *
380	720	256	6550	10400	680	480	670	470	23280 CAK/W33 + AOH 3280 G *
380	820	243	7500	10400	670	430	750	675	22380 CAK/W33 + AOH 3280 G *
400	540	106	2000	3900	290	1100	1200	71,0	23980 CC/W33 *
400	540	106	2000	3900	290	1100	1200	68,5	23980 CCK/W33 *
400	600	148	3250	5700	400	850	1100	150	23080 CC/W33 *
400	600	148	3250	5700	400	850	1100	145	23080 CCK/W33 *
400	600	200	4300	8000	560	630	900	205	24080 ECCJ/W33 *
400	600	200	4300	8000	560	630	900	200	24080 ECCK30J/W33 *
400	650	200	4650	7650	530	530	950	265	23180 CA/W33 *
400	650	200	4650	7650	530	530	950	255	23180 CAK/W33 *
400	650	250	6200	10600	735	430	800	340	24180 ECA/W33 *
400	650	250	6200	10600	735	430	800	335	24180 ECAK30/W33 *
400	720	256	6550	10400	680	480	670	450	23280 CA/W33 *
400	720	256	6550	10400	680	480	670	435	23280 CAK/W33 *
400	820	243	7500	10400	670	430	750	650	22380 CA/W33 *

400	820	243	7500	10400	670	430	750	640	22380 CAK/W33 *
400	560	106	2040	4150	300	1000	1100	105	23984 CCK/W33 + OH 3984 H *
400	620	150	3400	6000	415	600	1100	190	23084 CAK/W33 + OH 3084 H *
400	700	224	5600	9300	620	480	900	410	23184 CKJ/W33 + OH 3184 H *
400	760	272	7350	11600	765	450	630	590	23284 CAK/W33 + OH 3284 H *
400	620	150	3400	6000	415	600	1100	175	23084 CAK/W33 + AOH 3084 G *
400	620	200	4400	8300	585	530	900	230	24084 ECAK30/W33 + AOH 24084 *
400	700	224	5600	9300	620	480	900	375	23184 CKJ/W33 + AOH 3184 G *
400	700	280	7350	12600	850	400	700	470	24184 ECAK30/W33 + AOH 24184 *
400	760	272	7350	11600	765	450	630	550	23284 CAK/W33 + AOH 3284 G *
410	600	118	2450	4900	345	950	1000	150	23988 CCK/W33 + OH 3988 H *
410	650	157	3650	6550	450	560	1000	235	23088 CAK/W33 + OH 3088 H *
410	720	226	6000	10000	670	450	850	430	23188 CAK/W33 + OH 3188 H *
410	790	280	7800	12500	800	430	600	670	23288 CAK/W33 + OH 3288 H *
420	560	106	2040	4150	300	1000	1100	74,5	23984 CC/W33 *
420	560	106	2040	4150	300	1000	1100	72,0	23984 CCK/W33 *
420	620	150	3400	6000	415	600	1100	155	23084 CA/W33 *
420	620	150	3400	6000	415	600	1100	150	23084 CAK/W33 *
420	620	200	4400	8300	585	530	900	210	24084 ECA/W33 *
420	620	200	4400	8300	585	530	900	205	24084 ECAK30/W33 *
420	700	224	5600	9300	620	480	900	350	23184 CJ/W33 *
420	700	224	5600	9300	620	480	900	340	23184 CKJ/W33 *
420	700	280	7350	12600	850	400	700	445	24184 ECA/W33 *
420	700	280	7350	12600	850	400	700	440	24184 ECAK30/W33 *
420	760	272	7350	11600	765	450	630	535	23284 CA/W33 *
420	760	272	7350	11600	765	450	630	520	23284 CAK/W33 *
420	650	157	3650	6550	450	560	1000	200	23088 CAK/W33 + AOHX 3088 G *
420	650	212	4800	9150	630	500	850	275	24088 ECAK30/W33 + AOH 24088 *
420	720	226	6000	10000	670	450	850	380	23188 CAK/W33 + AOHX 3188 G *
420	720	280	7500	13200	900	400	700	490	24188 ECAK30/W33 + AOH 24188 *
420	790	280	7800	12500	800	430	600	620	23288 CAK/W33 + AOHX 3288 G *

430	620	118	2500	5000	355	600	1000	160	23992 CAK/W33 + OH 3992 H *
430	680	163	3900	6950	465	560	950	265	23092 CAK/W33 + OH 3092 H *
430	760	240	6400	10800	680	430	800	530	23192 CAK/W33 + OH 3192 H *
430	830	296	8500	13700	880	400	560	790	23292 CAK/W33 + OH 3292 H *
440	600	118	2450	4900	345	950	1000	99,5	23988 CC/W33 *
440	600	118	2450	4900	345	950	1000	96,5	23988 CCK/W33 *
440	650	157	3650	6550	450	560	1000	180	23088 CA/W33 *
440	650	157	3650	6550	450	560	1000	175	23088 CAK/W33 *
440	650	212	4800	9150	630	500	850	245	24088 ECA/W33 *
440	650	212	4800	9150	630	500	850	240	24088 ECAK30/W33 *
440	720	226	6000	10000	670	450	850	360	23188 CA/W33 *
440	720	226	6000	10000	670	450	850	350	23188 CAK/W33 *
440	720	280	7500	13200	900	400	700	460	24188 ECA/W33 *
440	720	280	7500	13200	900	400	700	455	24188 ECAK30/W33 *
440	790	280	7800	12500	800	430	600	590	23288 CA/W33 *
440	790	280	7800	12500	800	430	600	570	23288 CAK/W33 *
440	680	163	3900	6950	465	560	950	225	23092 CAK/W33 + AOHX 3092 G *
440	680	218	5200	10000	670	480	800	300	24092 ECAK30/W33 + AOH 24092 *
440	760	240	6400	10800	680	430	800	465	23192 CAK/W33 + AOHX 3192 G *
440	760	300	8300	14600	1000	360	670	590	24192 ECAK30/W33 + AOH 24192 *
440	830	296	8500	13700	880	400	560	725	23292 CAK/W33 + AOHX 3292 G *
450	650	128	2900	5700	405	560	1000	185	23996 CAK/W33 + OH 3996 H *
450	700	165	3900	6800	450	530	950	275	23096 CAK/W33 + OH 3096 H *
450	790	248	6950	12000	780	400	750	590	23196 CAK/W33 + OH 3196 H *
450	870	310	9300	15000	950	380	530	935	23296 CAK/W33 + OH 3296 H *
460	580	118	1790	4900	345	560	1100	74,0	24892 CAK30MA/W20
460	580	118	1790	4900	345	560	1100	75,5	24892 CAMA/W20
460	620	118	2500	5000	355	600	1000	105	23992 CA/W33 *
460	620	118	2500	5000	355	600	1000	100	23992 CAK/W33 *
460	680	163	3900	6950	465	560	950	205	23092 CA/W33 *
460	680	163	3900	6950	465	560	950	200	23092 CAK/W33 *

460	680	218	5200	10000	670	480	800	275	24092 ECA/W33 *
460	680	218	5200	10000	670	480	800	270	24092 ECAK30/W33 *
460	760	240	6400	10800	680	430	800	440	23192 CA/W33 *
460	760	240	6400	10800	680	430	800	425	23192 CAK/W33 *
460	760	300	8300	14600	1000	360	670	560	24192 ECA/W33 *
460	760	300	8300	14600	1000	360	670	550	24192 ECAK30/W33 *
460	830	296	8500	13700	880	400	560	695	23292 CA/W33 *
460	830	296	8500	13700	880	400	560	675	23292 CAK/W33 *
460	700	165	3900	6800	450	530	950	235	23096 CAK/W33 + AOHX 3096 G *
460	700	218	5300	10400	695	450	750	310	24096 ECAK30/W33 + AOH 24096 *
460	790	248	6950	12000	780	400	750	515	23196 CAK/W33 + AOHX 3196 G *
460	790	308	9000	15600	1040	340	630	635	24196 ECAK30/W33 + AOH 24196 *
460	870	310	9300	15000	950	380	530	860	23296 CAK/W33 + AOHX 3296 G *
470	670	128	2900	6000	415	530	950	195	239/500 CAK/W33 + OH 39/500 H *
470	720	167	4150	7800	510	500	900	290	230/500 CAK/W33 + OH 30/500 H *
470	830	264	7650	12900	830	380	700	690	231/500 CA/W33 + OH 31/500 H *
470	920	336	10600	17300	1060	360	500	1100	232/500 CAK/W33 + OH 32/500 H *
480	650	128	2900	5700	405	560	1000	125	23996 CA/W33 *
480	650	128	2900	5700	405	560	1000	120	23996 CAK/W33 *
480	700	165	3900	6800	450	530	950	215	23096 CA/W33 *
480	700	165	3900	6800	450	530	950	210	23096 CAK/W33 *
480	700	218	5300	10400	695	450	750	285	24096 ECA/W33 *
480	700	218	5300	10400	695	450	750	280	24096 ECAK30/W33 *
480	790	248	6950	12000	780	400	750	485	23196 CA/W33 *
480	790	248	6950	12000	780	400	750	470	23196 CAK/W33 *
480	790	308	9000	15600	1040	340	630	605	24196 ECA/W33 *
480	790	308	9000	15600	1040	340	630	595	24196 ECAK30/W33 *
480	870	310	9300	15000	950	380	530	800	23296 CA/W33 *
480	870	310	9300	15000	950	380	530	775	23296 CAK/W33 *
480	720	167	4150	7800	510	500	900	250	230/500 CAK/W33 + AOHX 30/500 G *
480	720	218	5500	11000	735	430	700	325	240/500 ECAK30/W33 + AOH 240/500 *

480	830	264	7650	12900	830	380	700	610	231/500 CAK/W33 + AOHX 31/500 G *
480	830	325	9800	17000	1120	320	600	735	241/500 ECAK30/W33 + AOH 241/500 *
480	920	336	10600	17300	1060	360	500	1020	232/500 CAK/W33 + AOHX 32/500 G *
500	670	128	2900	6000	415	530	950	130	239/500 CA/W33 *
500	670	128	2900	6000	415	530	950	125	239/500 CAK/W33 *
500	720	167	4150	7800	510	500	900	225	230/500 CA/W33 *
500	720	167	4150	7800	510	500	900	220	230/500 CAK/W33 *
500	720	218	5500	11000	735	430	700	295	240/500 ECA/W33 *
500	720	218	5500	11000	735	430	700	290	240/500 ECAK30/W33 *
500	830	264	7650	12900	830	380	700	580	231/500 CA/W33 *
500	830	264	7650	12900	830	380	700	560	231/500 CAK/W33 *
500	830	325	9800	17000	1120	320	600	700	241/500 ECA/W33 *
500	830	325	9800	17000	1120	320	600	690	241/500 ECAK30/W33 *
500	920	336	10600	17300	1060	360	500	985	232/500 CA/W33 *
500	920	336	10600	17300	1060	360	500	955	232/500 CAK/W33 *
500	710	136	3200	6700	480	500	900	255	239/530 CAK/W33 + OH 39/530 H *
500	780	185	5100	9300	630	450	800	405	230/530 CAK/W33 + OH 30/530 H *
500	870	272	8150	14000	915	360	670	785	231/530 CAK/W33 + OH 31/530 H *
500	980	355	11100	20400	1220	300	480	1360	232/530 CAK/W33 + OH 32/530 H
500	780	185	5100	9300	630	450	800	365	230/530 CAK/W33 + AOH 30/530 *
500	780	250	6700	13200	830	400	670	455	240/530 ECAK30/W33 + AOH 240/530 G *
500	870	272	8150	14000	915	360	670	720	231/530 CAK/W33 + AOH 31/530 *
500	870	335	10600	19000	1220	300	560	885	241/530 ECAK30/W33 + AOH 241/530 G *
500	980	355	11100	20400	1220	300	480	1290	232/530 CAK/W33 + AOH 32/530 G
530	650	118	1840	5300	380	480	950	84,5	248/530 CAK30MA/W20
530	650	118	1840	5300	380	480	950	86,0	248/530 CAMA/W20
530	710	136	3200	6700	480	500	900	155	239/530 CA/W33 *
530	710	136	3200	6700	480	500	900	150	239/530 CAK/W33 *
530	780	185	5100	9300	630	450	800	310	230/530 CA/W33 *
530	780	185	5100	9300	630	450	800	300	230/530 CAK/W33 *
530	780	250	6700	13200	830	400	670	410	240/530 ECA/W33 *

530	780	250	6700	13200	830	400	670	405	240/530 ECAK30/W33 *
530	870	272	8150	14000	915	360	670	645	231/530 CA/W33 *
530	870	272	8150	14000	915	360	670	625	231/530 CAK/W33 *
530	870	335	10600	19000	1220	300	560	830	241/530 ECA/W33 *
530	870	335	10600	19000	1220	300	560	820	241/530 ECAK30/W33 *
530	980	355	11100	20400	1220	300	480	1200	232/530 CA/W33
530	980	355	11100	20400	1220	300	480	1165	232/530 CAK/W33
530	750	140	3450	7200	510	450	850	260	239/560 CAK/W33 + OH 39/560 H *
530	820	195	5600	10200	680	430	750	445	230/560 CAK/W33 + OH 30/560 H *
530	920	280	9150	16000	980	340	630	880	231/560 CAK/W33 + OH 31/560 H *
530	1030	365	11500	22000	1400	280	430	1490	232/560 CAK/W33 + OH 32/560 H
530	820	195	5600	10200	680	430	750	430	230/560 CAK/W33 + AOH 30/560 *
530	820	258	7350	14600	960	380	630	515	240/560 ECAK30/W33 + AOH 240/560 G *
530	920	280	9150	16000	980	340	630	850	231/560 CAK/W33 + AOH 31/560 *
530	920	355	12000	21600	1340	280	500	1060	241/560 ECK30J/W33 + AOH 241/560 G *
530	1030	365	11500	22000	1400	280	430	1500	232/560 CAK/W33 + AOH 32/560
560	750	140	3450	7200	510	450	850	175	239/560 CA/W33 *
560	750	140	3450	7200	510	450	850	170	239/560 CAK/W33 *
560	820	195	5600	10200	680	430	750	355	230/560 CA/W33 *
560	820	195	5600	10200	680	430	750	345	230/560 CAK/W33 *
560	820	258	7350	14600	960	380	630	465	240/560 ECA/W33 *
560	820	258	7350	14600	960	380	630	455	240/560 ECAK30/W33 *
560	920	280	9150	16000	980	340	630	740	231/560 CA/W33 *
560	920	280	9150	16000	980	340	630	715	231/560 CAK/W33 *
560	920	355	12000	21600	1340	280	500	985	241/560 ECJ/W33 *
560	920	355	12000	21600	1340	280	500	975	241/560 ECK30J/W33 *
560	1030	365	11500	22000	1400	280	430	1350	232/560 CA/W33
560	1030	365	11500	22000	1400	280	430	1310	232/560 CAK/W33
560	800	150	3900	8300	585	430	750	330	239/600 CAK/W33 + OH 39/600 H *
560	870	200	6000	11400	750	400	700	525	230/600 CAK/W33 + OH 30/600 H *
560	980	300	10200	18000	1100	320	560	1070	231/600 CAK/W33 + OH 31/600 H *

560	1090	388	13100	25500	1560	260	400	1780	232/600 CAK/W33 + OH 32/600 H
570	870	200	6000	11400	750	400	700	480	230/600 CAK/W33 + AOH 30/600 *
570	870	272	8150	17000	1100	340	560	600	240/600 ECAK30/W33 + AOH 240/600 *
570	980	300	10200	18000	1100	320	560	1010	231/600 CAK/W33 + AOH 31/600 *
570	980	375	11500	23600	1460	240	480	1290	241/600 ECAK30/W33 + AOH 241/600
570	1090	388	13100	25500	1560	260	400	1760	232/600 CAK/W33 + AOH 32/600 G
600	800	150	3900	8300	585	430	750	220	239/600 CA/W33 *
600	800	150	3900	8300	585	430	750	215	239/600 CAK/W33 *
600	870	200	6000	11400	750	400	700	405	230/600 CA/W33 *
600	870	200	6000	11400	750	400	700	395	230/600 CAK/W33 *
600	870	272	8150	17000	1100	340	560	520	240/600 ECAF/W33 *
600	870	272	8150	17000	1100	340	560	510	240/600 ECAK30F/W33 *
600	980	300	10200	18000	1100	320	560	895	231/600 CA/W33 *
600	980	300	10200	18000	1100	320	560	865	231/600 CAK/W33 *
600	980	375	11500	23600	1460	240	480	1200	241/600 ECA/W33
600	980	375	11500	23600	1460	240	480	1185	241/600 ECAK30/W33
600	1090	388	13100	25500	1560	260	400	1600	232/600 CA/W33
600	1090	388	13100	25500	1560	260	400	1555	232/600 CAK/W33
600	850	165	4650	9800	640	400	700	385	239/630 CAK/W33 + OH 39/630 H *
600	920	212	6700	12500	800	380	670	595	230/630 CAK/W33 + OH 30/630 H *
600	1030	315	10500	20800	1220	260	530	1240	231/630 CAK/W33 + OH 31/630 H *
600	920	212	6700	12500	800	380	670	575	230/630 CAK/W33 + AOH 30/630 *
600	920	290	8800	18000	1140	320	530	730	240/630 ECK30J/W33 + AOH 240/630 G *
600	1030	315	10500	20800	1220	260	530	1190	231/630 CAK/W33 + AOH 31/630 *
600	1030	400	12700	27000	1630	220	450	1500	241/630 ECAK30/W33 + AOH 241/630 G
630	780	112	2190	6100	415	400	750	115	238/630 CAKMA/W20
630	780	112	2190	6100	415	400	750	120	238/630 CAMA/W20
630	850	165	4650	9800	640	400	700	280	239/630 CA/W33 *
630	850	165	4650	9800	640	400	700	270	239/630 CAK/W33 *
630	920	212	6700	12500	800	380	670	485	230/630 CA/W33 *
630	920	212	6700	12500	800	380	670	470	230/630 CAK/W33 *

630	920	290	8800	18000	1140	320	530	645	240/630 ECJ/W33 *
630	920	290	8800	18000	1140	320	530	635	240/630 ECK30J/W33 *
630	1030	315	10500	20800	1220	260	530	1050	231/630 CA/W33
630	1030	315	10500	20800	1220	260	530	1015	231/630 CAK/W33
630	1030	400	12700	27000	1630	220	450	1400	241/630 ECA/W33
630	1030	400	12700	27000	1630	220	450	1380	241/630 ECAK30/W33
630	900	170	5000	10800	695	360	670	455	239/670 CAK/W33 + OH 39/670 H *
630	980	230	7650	14600	915	340	600	755	230/670 CAK/W33 + OH 30/670 H *
630	1090	336	10900	22400	1370	240	500	1510	231/670 CAK/W33 + OH 31/670 H
630	1220	438	15400	30500	1700	220	360	2535	232/670 CAK/W33 + OH 32/670 H
630	980	230	7650	14600	915	340	600	720	230/670 CAK/W33 + AOH 30/670 *
630	980	308	10000	20400	1320	300	500	900	240/670 ECAK30/W33 + AOH 240/670 G *
630	1030	315	10500	20800	1220	260	530	1430	231/670 CAK/W33 + AOH 31/670
630	1090	412	13800	29000	1760	200	400	1730	241/670 ECAK30/W33 + AOH 241/670
630	1220	438	15400	30500	1700	220	360	2500	232/670 CAK/W33 + AOH 32/670 G
670	820	112	2250	6400	440	360	700	125	238/670 CAKMA/W20
670	820	112	2250	6400	440	360	700	130	238/670 CAMA/W20
670	820	150	3110	9500	655	360	700	172	248/670 CAMA/W20
670	900	170	5000	10800	695	360	670	315	239/670 CA/W33 *
670	900	170	5000	10800	695	360	670	305	239/670 CAK/W33 *
670	980	230	7650	14600	915	340	600	600	230/670 CA/W33 *
670	980	230	7650	14600	915	340	600	580	230/670 CAK/W33 *
670	980	308	10000	20400	1320	300	500	790	240/670 ECA/W33 *
670	980	308	10000	20400	1320	300	500	775	240/670 ECAK30/W33 *
670	1090	336	10900	22400	1370	240	500	1250	231/670 CA/W33
670	1090	336	10900	22400	1370	240	500	1210	231/670 CAK/W33
670	1090	412	13800	29000	1760	200	400	1600	241/670 ECA/W33
670	1090	412	13800	29000	1760	200	400	1575	241/670 ECAK30/W33
670	1220	438	15400	30500	1700	220	360	2270	232/670 CA/W33
670	1220	438	15400	30500	1700	220	360	2205	232/670 CAK/W33
670	950	180	5600	12000	765	340	600	525	239/710 CAK/W33 + OH 39/710 H *

670	1030	236	8300	16300	1000	320	560	860	230/710 CAK/W33 + OH 30/710 H *
670	1150	345	12200	26000	1530	240	450	1750	231/710 CAK/W33 + OH 31/710 H
670	1280	450	17600	34500	2000	200	320	2995	232/710 CAK/W33 + OH 32/710 H
670	1030	236	8300	16300	1000	320	560	800	230/710 CAK/W33 + AOH 30/710 *
670	1030	315	10400	22000	1370	260	450	1010	240/710 ECAK30/W33 + AOH 240/710 G *
670	1150	345	12200	26000	1530	240	450	1650	231/710 CAK/W33 + AOH 31/710
670	1150	438	15200	32500	1900	190	380	2040	241/710 ECAK30/W33 + AOH 241/710
670	1280	450	17600	34500	2000	200	320	2810	232/710 CAK/W33 + AOH 32/710 G
710	870	118	2580	7500	500	340	670	153	238/710 CAMA/W20
710	950	180	5600	12000	765	340	600	365	239/710 CA/W33 *
710	950	180	5600	12000	765	340	600	355	239/710 CAK/W33 *
710	950	243	6800	15600	930	300	500	495	249/710 CA/W33 *
710	950	243	6800	15600	930	300	500	485	249/710 CAK30/W33 *
710	1030	236	8300	16300	1000	320	560	670	230/710 CA/W33 *
710	1030	236	8300	16300	1000	320	560	650	230/710 CAK/W33 *
710	1030	315	10400	22000	1370	260	450	895	240/710 ECA/W33 *
710	1030	315	10400	22000	1370	260	450	880	240/710 ECAK30/W33 *
710	1150	345	12200	26000	1530	240	450	1450	231/710 CA/W33
710	1150	345	12200	26000	1530	240	450	1405	231/710 CAK/W33
710	1150	438	15200	32500	1900	190	380	1900	241/710 ECA/W33
710	1150	438	15200	32500	1900	190	380	1870	241/710 ECAK30/W33
710	1280	450	17600	34500	2000	200	320	2610	232/710 CA/W33
710	1280	450	17600	34500	2000	200	320	2535	232/710 CAK/W33
710	1000	185	6000	13200	815	320	560	605	239/750 CAK/W33 + OH 39/750 H *
710	1090	250	9650	18600	1100	300	530	990	230/750 CAK/W33 + OH 30/750 H *
710	1220	365	13800	29000	1660	220	430	2045	231/750 CAK/W33 + OH 31/750 H
710	1360	475	18700	36500	2120	190	300	3485	232/750 CAKFW33 + OH 32/750 H
710	1090	250	9650	18600	1100	300	530	950	230/750 CAK/W33 + AOH 30/750 *
710	1090	335	11400	24000	1400	260	430	1200	240/750 ECAK30/W33 + AOH 240/750 G *
710	1220	365	13800	29000	1660	220	430	1930	231/750 CAK/W33 + AOH 31/750
710	1220	475	17300	37500	2160	180	360	2280	241/750 ECAK30/W33 + AOH 241/750 G

710	1360	475	18700	36500	2120	190	300	3280	232/750 CAKF/W33 + AOH 32/750
750	920	128	2930	8500	550	320	600	175	238/750 CAKMA/W20
750	920	128	2930	8500	550	320	600	180	238/750 CAMA/W20
750	1000	185	6000	13200	815	320	560	420	239/750 CA/W33 *
750	1000	185	6000	13200	815	320	560	405	239/750 CAK/W33 *
750	1000	250	7650	18000	1100	280	480	560	249/750 CA/W33
750	1000	250	7650	18000	1100	280	480	550	249/750 CAK30/W33
750	1090	250	9650	18600	1100	300	530	795	230/750 CA/W33 *
750	1090	250	9650	18600	1100	300	530	770	230/750 CAK/W33 *
750	1090	335	11400	24000	1400	260	430	1065	240/750 ECA/W33 *
750	1090	335	11400	24000	1400	260	430	1050	240/750 ECAK30/W33 *
750	1220	365	13800	29000	1660	220	430	1700	231/750 CA/W33
750	1220	365	13800	29000	1660	220	430	1650	231/750 CAK/W33
750	1220	475	17300	37500	2160	180	360	2100	241/750 ECA/W33
750	1220	475	17300	37500	2160	180	360	2065	241/750 ECAK30/W33
750	1360	475	18700	36500	2120	190	300	3050	232/750 CAF/W33
750	1360	475	18700	36500	2120	190	300	2960	232/750 CAKF/W33
750	1060	195	6400	14300	880	300	530	730	239/800 CAK/W33 + OH 39/800 H *
750	1150	258	10000	20000	1160	280	480	1200	230/800 CAK/W33 + OH 30/800 H *
750	1280	375	14800	31500	1800	200	400	2430	231/800 CAK/W33 + OH 31/800 H
750	1150	258	10000	20000	1160	280	480	1100	230/800 CAK/W33 + AOH 30/800 *
750	1150	345	12500	27500	1730	220	400	1380	240/800 ECAK30/W33 + AOH 240/800 G *
750	1280	375	14800	31500	1800	200	400	2200	231/800 CAK/W33 + AOH 31/800
750	1280	475	18400	40500	2320	170	320	2540	241/800 ECAK30/W33 + AOH 241/800 G
800	980	180	4140	12900	830	300	560	295	248/800 CAK30MA/W20
800	980	180	4140	12900	830	300	560	300	248/800 CAMA/W20
800	1060	195	6400	14300	880	300	530	470	239/800 CA/W33 *
800	1060	195	6400	14300	880	300	530	455	239/800 CAK/W33 *
800	1060	258	8000	19300	1060	260	430	640	249/800 CA/W33 *
800	1060	258	8000	19300	1060	260	430	630	249/800 CAK30/W33 *
800	1150	258	10000	20000	1160	280	480	895	230/800 CA/W33 *

800	1150	258	10000	20000	1160	280	480	865	230/800 CAK/W33 *
800	1150	345	12500	27500	1730	220	400	1200	240/800 ECA/W33 *
800	1150	345	12500	27500	1730	220	400	1180	240/800 ECAK30/W33 *
800	1280	375	14800	31500	1800	200	400	1920	231/800 CA/W33
800	1280	375	14800	31500	1800	200	400	1860	231/800 CAK/W33
800	1280	475	18400	40500	2320	170	320	2300	241/800 ECA/W33
800	1280	475	18400	40500	2320	170	320	2265	241/800 ECAK30/W33
800	1120	200	6950	15600	930	260	480	950	239/850 CAK/W33 + OH 39/850 H *
800	1220	272	9370	21600	1270	240	450	1390	230/850 CAK/W33 + OH 30/850 H
800	1360	400	16100	34500	2000	180	360	2800	231/850 CAK/W33 + OH 31/850 H
800	1220	272	9370	21600	1270	240	450	1250	230/850 CAK/W33 + AOH 30/850
800	1220	365	12700	31500	1900	200	360	1670	240/850 ECAK30/W33 + AOH 240/850 G
800	1360	400	16100	34500	2000	180	360	2500	231/850 CAK/W33 + AOH 31/850
800	1360	500	20200	45000	2550	150	300	3050	241/850 ECAK30F/W33 + AOH 241/850
850	1030	136	3340	10000	640	260	530	230	238/850 CAKMA/W20
850	1030	136	3340	10000	640	260	530	240	238/850 CAMA/W20
850	1120	200	6950	15600	930	260	480	560	239/850 CA/W33 *
850	1120	200	6950	15600	930	260	480	540	239/850 CAK/W33 *
850	1120	272	9300	22800	1370	220	400	740	249/850 CA/W33 *
850	1120	272	9300	22800	1370	220	400	725	249/850 CAK30/W33 *
850	1220	272	9370	21600	1270	240	450	1050	230/850 CA/W33
850	1220	272	9370	21600	1270	240	450	1015	230/850 CAK/W33
850	1220	365	12700	31500	1900	200	360	1410	240/850 ECA/W33
850	1220	365	12700	31500	1900	200	360	1385	240/850 ECAK30/W33
850	1360	400	16100	34500	2000	180	360	2200	231/850 CA/W33
850	1360	400	16100	34500	2000	180	360	2130	231/850 CAK/W33
850	1360	500	20200	45000	2550	150	300	2710	241/850 ECAF/W33
850	1360	500	20200	45000	2550	150	300	2665	241/850 ECAK30F/W33
850	1180	206	7500	17000	1020	240	450	930	239/900 CAK/W33 + OH 39/900 H *
850	1280	280	10100	23200	1340	220	400	1580	230/900 CAK/W33 + OH 30/900 H
850	1280	280	10100	23200	1340	220	400	1450	230/900 CAK/W33 + AOH 30/900

850	1280	375	13600	34500	2040	190	340	1850	240/900 ECAK30/W33 + AOH 240/900
850	1420	515	21400	49000	2700	140	280	3700	241/900 ECAK30F/W33 + AOH 241/900
900	1090	190	4660	15300	950	240	480	365	248/900 CAK30MA/W20
900	1090	190	4660	15300	950	240	480	370	248/900 CAMA/W20
900	1180	206	7500	17000	1020	240	450	605	239/900 CA/W33 *
900	1180	206	7500	17000	1020	240	450	585	239/900 CAK/W33 *
900	1280	280	10100	23200	1340	220	400	1200	230/900 CA/W33
900	1280	280	10100	23200	1340	220	400	1165	230/900 CAK/W33
900	1280	375	13600	34500	2040	190	340	1570	240/900 ECA/W33
900	1280	375	13600	34500	2040	190	340	1545	240/900 ECAK30/W33
900	1420	515	21400	49000	2700	140	280	3350	241/900 ECAF/W33
900	1420	515	21400	49000	2700	140	280	3300	241/900 ECAK30F/W33
900	1250	224	7250	19600	1120	220	430	1120	239/950 CAK/W33 + OH 39/950 H
900	1360	300	12000	28500	1600	200	380	1870	230/950 CAK/W33 + OH 30/950 H
900	1360	300	12000	28500	1600	200	380	1720	230/950 CAK/W33 + AOH 30/950
900	1360	412	14800	39000	2320	170	300	2300	240/950 CAK30F/W33 + AOH 240/950
900	1500	545	23900	55000	3000	130	260	3950	241/950 ECAK30F/W33 + AOH 241/950
950	1250	224	7250	19600	1120	220	430	755	239/950 CA/W33
950	1250	224	7250	19600	1120	220	430	730	239/950 CAK/W33
950	1250	300	9200	26000	1500	180	340	1015	249/950 CA/W33
950	1250	300	9200	26000	1500	180	340	995	249/950 CAK30/W33
950	1360	300	12000	28500	1600	200	380	1450	230/950 CA/W33
950	1360	300	12000	28500	1600	200	380	1405	230/950 CAK/W33
950	1360	412	14800	39000	2320	170	300	1990	240/950 CAF/W33
950	1360	412	14800	39000	2320	170	300	1955	240/950 CAK30F/W33
950	1500	545	23900	55000	3000	130	260	3535	241/950 ECAF/W33
950	1500	545	23900	55000	3000	130	260	3475	241/950 ECAK30F/W33
950	1420	308	12700	30500	1700	180	360	2070	230/1000 CAK/W33 + OH 30/1000 H
950	1580	462	21400	48000	2550	140	280	4340	231/1000 CAK/W33 + OH 31/1000 H
950	1420	308	12700	30500	1700	180	360	1900	230/1000 CAKF/W33 + AOH 30/1000
950	1420	412	15400	40500	2240	160	280	2500	240/1000 CAK30F/W33 + AOH 240/1000

950	1580	462	21400	48000	2550	140	280	3950	231/1000 CAKF/W33 + AOH 31/1000
950	1580	580	26700	62000	3350	120	240	4800	241/1000 ECAK30F/W33 + AOH 241/1000
1000	1220	165	4660	14300	865	220	400	395	238/1000 CAKMA/W20
1000	1220	165	4660	14300	865	220	400	410	238/1000 CAMA/W20
1000	1320	315	10400	29000	1500	170	320	1200	249/1000 CA/W33
1000	1320	315	10400	29000	1500	170	320	1180	249/1000 CAK30/W33
1000	1420	308	12700	30500	1700	180	360	1600	230/1000 CAF/W33
1000	1420	308	12700	30500	1700	180	360	1550	230/1000 CAKF/W33
1000	1420	412	15400	40500	2240	160	280	2140	240/1000 CAF/W33
1000	1420	412	15400	40500	2240	160	280	2105	240/1000 CAK30F/W33
1000	1580	462	21400	48000	2550	140	280	3500	231/1000 CAF/W33
1000	1580	462	21400	48000	2550	140	280	3390	231/1000 CAKF/W33
1000	1580	580	26700	62000	3350	120	240	4300	241/1000 ECAF/W33
1000	1580	580	26700	62000	3350	120	240	4230	241/1000 ECAK30F/W33
1000	1400	250	9550	26000	1460	180	360	1590	239/1060 CAK/W33 + OH 39/1060 H
1000	1500	325	13800	34000	1830	170	320	2800	230/1060 CAK/W33 + OH 30/1060 H
1000	1500	325	13800	34000	1830	170	320	2600	230/1060 CAKF/W33 + AOH 30/1060
1000	1500	438	17300	45500	2500	150	260	2950	240/1060 CAK30F/W33 + AOH 240/1060
1060	1280	165	4770	15000	800	200	380	420	238/1060 CAKMA/W20
1060	1280	165	4770	15000	800	200	380	435	238/1060 CAMA/W20
1060	1280	218	6100	20000	1200	200	380	560	248/1060 CAK30MA/W20
1060	1280	218	6100	20000	1200	200	380	570	248/1060 CAMA/W20
1060	1400	250	9550	26000	1460	180	360	1100	239/1060 CAF/W33
1060	1400	250	9550	26000	1460	180	360	1065	239/1060 CAKF/W33
1060	1400	335	11500	32500	1860	160	280	1400	249/1060 CAF/W33
1060	1400	335	11500	32500	1860	160	280	1375	249/1060 CAK30F/W33
1060	1500	325	13800	34000	1830	170	320	2250	230/1060 CAF/W33
1060	1500	325	13800	34000	1830	170	320	2190	230/1060 CAKF/W33
1060	1500	438	17300	45500	2500	150	260	2515	240/1060 CAF/W33
1060	1500	438	17300	45500	2500	150	260	2475	240/1060 CAK30F/W33
1120	1360	243	7250	24000	1400	180	340	735	248/1120 CAF/W20

1120	1360	243	7250	24000	1400	180	340	720	248/1120 CAK30FA/W20
1120	1460	335	11700	34500	1830	140	260	1500	249/1120 CAF/W33
1120	1460	335	11700	34500	1830	140	260	1475	249/1120 CAK30F/W33
1120	1580	462	18700	50000	2850	130	240	2925	240/1120 CAF/W33
1120	1580	462	18700	50000	2850	130	240	2825	240/1120 CAK30F/W33
1180	1420	180	5870	18600	1080	170	320	575	238/1180 CAF/W20
1180	1420	180	5870	18600	1080	170	320	555	238/1180 CAKFA/W20
1180	1420	243	7710	27000	1560	170	320	770	248/1180 CAF/W20
1180	1420	243	7710	27000	1560	170	320	755	248/1180 CAK30FA/W20
1180	1540	272	11100	31000	1660	150	300	1400	239/1180 CAF/W33
1180	1540	272	11100	31000	1660	150	300	1355	239/1180 CAKF/W33
1180	1540	355	13600	40500	2160	130	240	1800	249/1180 CAF/W33
1180	1540	355	13600	40500	2160	130	240	1770	249/1180 CAK30F/W33
1250	1750	375	17900	45000	2400	130	240	2840	230/1250 CAF/W33
1250	1750	375	17900	45000	2400	130	240	2750	230/1250 CAKF/W33
1320	1600	280	9780	33500	1860	140	260	1160	248/1320 CAF/W20
1320	1600	280	9780	33500	1860	140	260	1140	248/1320 CAK30FA/W20
1320	1720	400	16100	49000	2550	110	200	2500	249/1320 CAF/W33
1320	1720	400	16100	49000	2550	110	200	2455	249/1320 CAK30F/W33
1500	1820	315	12700	45000	2400	110	200	1710	248/1500 CAF/W20
1500	1820	315	12700	45000	2400	110	200	1680	248/1500 CAK30FA/W20
1800	2180	375	17600	63000	3050	75	130	2900	248/1800 CAF/W20
1800	2180	375	17600	63000	3050	75	130	2850	248/1800 CAK30FA/W20