

Industrial Power Selector

(EU Stage IV >56 kW, Stage IIIB 37-55 kW, Stage IIIA 19-37 kW, unregulated <19 kW)

Litres	Model	Cylinders	Aspiration	Power kW (hp)	Rated Speed rpm	Maximum Torque Nm (lb ft)	Maximum Torque Speed rpm	Aftertreatment	Rating Type	Available as a Power Unit
0.51	402D-05	2	NA	8.2 (11)	2800	30 (22)	2100	-	C	
				8.8 (11.8)	3000	30 (22)	2100			
				10.2 (13.7)	3600	30 (22)	2000			
0.76	403D-07	3	NA	13.2 (17.7)	3000	45 (33)	2200	-	C	
	403F-07			15.3 (21)	3600	45 (33)	2200			
				8.8 (11.8)	2200	40 (30)	1800			
1.1	403D-11	3	NA	14.7 (19.7)	2200	67 (49)	1900	-	C	■
				16.1 (22)	2200	67 (49)	2000			
				17.2 (23)	2600	68 (50)	1800			
				18.5 (25)	2800	68 (50)	1800			
				21 (28)	3400	70 (52)	2300			
1.5	403D-15	3	NA	21 (28)	2200	96 (71)	1800	-	C	■
				22 (30)	2400	96 (71)	1800			
				23 (31)	2600	96 (71)	1800			
				24 (32)	2800	96 (71)	1800			
				25 (34)	3000	96 (71)	1800			
	403D-15T		T	23 (31)	2200	112 (83)	1800			
				25 (34)	2400	112 (83)	1800			
				27 (36)	2600	112 (83)	1800			
				29 (39)	2800	112 (83)	1800			
				30 (40)	3000	112 (83)	1800			
1.7	403D-17	3	NA	24 (32)	2400	105 (77)	1800	-	C	
				26 (35)	2600	106 (78)	1800			
2.2	404D-22	4	NA	31 (42)	2200	143 (105)	1800	-	C	■
				34 (46)	2400	143 (105)	1800			
				36 (48)	2600	143 (105)	1800			
	404D-22T		T	32 (43)	2800	163 (120)	1800			
				36 (48)	2800	154 (114)	1800			
Perkins® Syncro 2.2	TA	50 (67)	2800	208 (153)	1800	DOC				
4.4	1204F-E44TA	4	TA	74 (99)	2200	450 (332)	1400	DOC+SCR	C	■
				86 (115)	2200	500 (369)	1400		B	
				93 (125)	2200	530 (391)	1400		C	
				102 (137)	2200	560 (413)	1400			
				110 (148)	2200	560 (413)	1400			
	1204F-E44TTA		TTA	105 (141)	2200	630 (465)	1400	DOC+SCR or DOC+DPF+SCR	B	
				112 (150)	2200	650 (479)	1400			
				117 (157)	2200	683 (504)	1400			
				129 (173)	2200	750 (553)	1400		C	

- Notes:**
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 - Diesel engine ratings definitions. IND-A (Continuous): Continuous heavy-duty service where the engine is operated at maximum power and speed up to 100% of the time without interruption or load cycling. IND-B: For service where power and/or speed are cyclic (time at full load not to exceed 80%). IND-C (Intermittent): Is the horsepower and speed capability of the engine where maximum power and/or speed are cyclic (time at full load not to exceed 50%). IND-D: For service where maximum power is required for periodic overloads (time at full load not to exceed 10% of the duty cycle). IND-E: For service where maximum power is required for a short time for initial starting or sudden overload. For emergency service where standard power is unavailable (time at full load not to exceed 5% of the duty cycle).
 - Rating conditions for engines up to 7.1 litre displacement are based on ISO/TR14396, ratings for engines above 7.1 litre displacement are based on SAEJ1995.
 - Abbreviations for engine aspirations: NA = Naturally Aspirated, T = Turbocharged, TA = Turbocharged and aftercooled, TTA = Series turbochargers and aftercooled.
 - Abbreviations for aftertreatment: DOC = Diesel Oxidation Catalyst, DPF = Diesel Particulate Filter, SCR = Selective Catalytic Reduction.
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Litres	Model	Cylinders	Aspiration	Power kW (hp)	Rated Speed rpm	Maximum Torque Nm (lb ft)	Maximum Torque Speed rpm	Aftertreatment	Rating Type	Available as a Power Unit
7	1206F-E70TA	6	TA	116 (156)	2200	755 (557)	1400	DOC+DPF+SCR	B	■
				129 (173)	2200	842 (621)	1400		C	
				151 (202)	2200	870 (642)	1400			
	1206F-E70TTA		TTA	151 (202)	2200	922 (680)	1400		B	
				168 (225)	2200	1028 (758)	1400			
				186 (249)	2200	1142 (842)	1400			
				205 (275)	2200	1257 (927)	1400		C	
				225 (302)	2200	1274 (940)	1400			
9.3	1706J-E93TA	6	TA	250 (335)	1800-2200	1537 (1134)	1400	DOC+DPF+SCR	A	■
				280 (375)	1800-2200	1721 (1269)	1400		B	
				310 (416)	1800-2200	1904 (1404)	1400		C	
				340 (456)	1800-2200	2088 (1540)	1400		D	
12.5	2206J-E13TA	6	TA	287 (385)	1800-2100	1760 (1298)	1400	DOC+DPF+SCR	A	■
				309 (414)	1800-2100	1903 (1404)	1400		B	
				328 (440)	1800-2100	2012 (1484)	1400			
				354 (475)	1800-2100	2176 (1605)	1400		C	
				388 (520)	1800-2100	2381 (1756)	1400		D	
15.2	2506J-E15TA	6	TA	354 (475)	1800-2100	2176 (1605)	1400	DOC+DPF+SCR	A	■
				403 (540)	1800-2100	2469 (1821)	1400		C	
				433 (581)	1800-2100	2655 (1958)	1400		D	
18.1	2806J-E18TA	6	TA	429 (575)	1800-2000	2695 (1988)	1300	DOC+DPF+SCR	A	■
				447 (599)	1800-2000	2813 (2075)	1300		B	
				470 (630)	1800-2000	2953 (2178)	1300		C	

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0.51	402J-05	2	NA	8.8 (11.8)	3000	30 (22)	2000	-	C	
0.76	403J-07	3	NA	12.2 (16.4)	2800	45 (33)	2400	-	C	
				13.3 (17.8)	3600	44 (32)	2400			
1.1	403J-11	3	NA	14.7 (19.7)	2200	67 (49)	2000	-	C	■
				16.1 (22)	2400	67 (49)	2000			
				18.4 (25)	2800	67 (49)	2000			
				18.9 (25)	2800	69 (51)	2000			
				18.4 (25)	2400	90 (66)	1600			
	403J-11T		T	18.4 (25)	2400	90 (66)	1600			
1.7	403J-17	3	NA	18.4 (25)	2200	92 (68)	1600	-	C	
				18.4 (25)	2800	85 (63)	1800			
				18.9 (25)	2200	98 (72)	1400			
				18.9 (25)	2800	87 (64)	1800			
	403J-17T		T	17.7 (24)	2200	100 (74)	1600			
				18.4 (25)	2200	94 (69)	1700			
				18.4 (25)	2800	90 (66)	1800			
				18.9 (25)	2800	92 (68)	1800			
				18.2 (24)	2200	103 (76)	1600			
				36 (48)	2800	166 (122)	1600			
2.2	Perkins Syncro 2.2	4	T	45 (60)	2800	222 (164)	1600	DOC+DPF	C	■
			TA	55 (74)	2800	270 (199)	1600			
2.8	Perkins Syncro 2.8	4	T	55 (74)	2200-2400	265 (195)	1600	DOC+DPF	C	
				55 (74)	2200-2400	300 (221)	1600			
				55 (74)	2400	380 (280)	1380			
3.6	Perkins Syncro 3.6	4	TA	55 (74)	2200-2400	424 (313)	1200	DOC+DPF	C	
				75 (101)	2000-2400	430 (317)	1500	DOC+DPF+SCR		
				82 (110)	2000-2400	450 (332)	1500			
				90 (121)	2000-2400	500 (369)	1500			
				100 (134)	2000-2200	550 (406)	1500			
4.4	1204J-E44TA	4	TA	82 (110)	2000-2200	560 (413)	1400	DOC+DPF+SCR	C	■
				91 (122)	2000-2200	560 (413)	1400			
				98 (131)	2000-2200	560 (413)	1400			
				106 (142)	2000-2200	560 (413)	1400			
				110 (148)	2000-2200	560 (413)	1400			
	1204J-E44TTA		TTA	105 (141)	2000-2200	750 (553)	1400			
				112 (150)	2000-2200	750 (553)	1400			
				117 (157)	2000-2200	750 (553)	1400			
				129 (173)	2000-2200	750 (553)	1400			
				140 (188)	2000-2200	825 (609)	1400			
			150 (201)	2200	825 (609)	1400		D		

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7.0	1206J-E70TA	6	TA	129 (173)	1800-2200	842 (621)	1400	DOC+DPF+SCR	C	■
				151 (202)	1800-2200	870 (642)	1400			
	1206J-E70TTA		TTA	151 (202)	1800-2200	983 (725)	1400			
				168 (225)	1800-2200	1092 (805)	1400			
				186 (249)	1800-2200	1214 (895)	1400			
				205 (275)	2200	1257 (927)	1400			
				225 (302)	2200	1282 (946)	1400			
				239 (320)	2200	1268 (935)	1400			
9.3	1706J-E93TA	6	TA	250 (335)	1800-2200	1537 (1134)	1400	DOC+DPF+SCR	A	■
				280 (375)	1800-2200	1721 (1269)	1400		B	
				310 (416)	1800-2200	1904 (1404)	1400		C	
				340 (456)	1800-2200	2088 (1540)	1400		D	
12.5	2206J-E13TA	6	TA	287 (385)	1800-2100	1760 (1298)	1400	DOC+DPF+SCR	A	■
				309 (414)	1800-2100	1903 (1404)	1400		B	
				328 (440)	1800-2100	2012 (1484)	1400		C	
				354 (475)	1800-2100	2176 (1605)	1400		D	
	2406J-E13TA			340 (456)	1800-2100	2087 (1539)	1400		A	
				370 (496)	1800-2100	2271 (1675)	1400		B	
				400 (536)	1800-2100	2456 (1812)	1400		C	
				430 (577)	1800-2100	2640 (1947)	1400		D	
15.2	2506J-E15TA	6	TA	354 (475)	1800-2100	2176 (1605)	1400	DOC+DPF+SCR	A	■
				403 (540)	1800-2100	2469 (1821)	1400		C	
				433 (581)	1800-2100	2655 (1958)	1400		D	
18.1	2806J-E18TA	6	TA	429 (575)	1800-2000	2695 (1988)	1300	DOC+DPF+SCR	A	■
				447 (599)	1800-2000	2813 (2075)	1300		B	
				470 (630)	1800-2000	2953 (2178)	1300		C	

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0.51	402J-05	2	NA	8.8 (11.8)	3000	30 (22)	2000	-	C	
0.76	403F-07	3	NA	8.8 (11.8)	2200	40 (30)	1800	-	C	
1.1	403F-11	3	NA	14.1 (18.9)	2200	61 (45)	2200	-	C	
				18.4 (25)	2800	65 (48)	2600			
	14.7 (19.7)			2200	67 (49)	2000				
	16.1 (22)			2400	67 (49)	2000				
	18.4 (25)		2800	67 (49)	2000					
403J-11T	T	18.4 (25)	2400	90 (66)	1600					
1.5	403F-15	3	NA	18.4 (25)	2100	86 (63)	1800	-	C	
1.7	403J-17	3	NA	18.4 (25)	2200	92 (68)	1600	-	C	
				18.4 (25)	2800	85 (63)	1800			
	403J-17T		T	17.7 (24)	2200	100 (74)	1600			
				18.4 (25)	2200	94 (69)	1700			
				18.4 (25)	2800	90 (66)	1800			
Perkins® Syncro 1.7		30 (40)	2800	125 (92)	1800	DOC		■		
2.2	Perkins Syncro 2.2	4	T	36 (48)	2800	165 (122)	1800	DOC	C	■
			TA	50 (67)	2800	208 (153)	1800			
2.8	Perkins Syncro 2.8	4	T	55 (74)	2200-2400	265 (195)	1600	DOC	C	
				55 (74)	2200-2400	300 (221)	1600			
			TA	55 (74)	2400	380 (280)	1380	DOC+DPF		
3.6	Perkins Syncro 3.6	4	TA	55 (74)	2200-2400	424 (313)	1200	DOC+DPF	C	
				75 (101)	2000-2400	430 (317)	1500	DOC+DPF+SCR		
				82 (110)	2000-2400	450 (332)	1500			
				90 (121)	2000-2400	500 (369)	1500			
				100 (134)	2000-2200	550 (406)	1500			
4.4	1204F-E44TA	4	TA	74 (99)	2200	450 (332)	1400	DOC+SCR	C	■
				86 (115)	2200	500 (369)	1400		B	
				93 (125)	2200	530 (391)	1400		C	
				102 (137)	2200	560 (413)	1400			
				110 (148)	2200	560 (413)	1400			
	1204F-E44TTA		TTA	105 (141)	2200	630 (465)	1400	DOC+SCR or DOC+DPF+SCR	B	
				112 (150)	2200	650 (479)	1400			
				117 (157)	2200	683 (504)	1400			
				129 (173)	2200	750 (553)	1400			
	1204J-E44TA		TA	82 (110)	2000-2200	560 (413)	1400	DOC+DPF+SCR	C	
				91 (122)	2000-2200	560 (413)	1400			
				98 (131)	2000-2200	560 (413)	1400			
				106 (142)	2000-2200	560 (413)	1400			
				110 (148)	2000-2200	560 (413)	1400			
	1204J-E44TTA		TTA	105 (141)	2000-2200	750 (553)	1400	DOC+DPF+SCR	D	
112 (150)		2000-2200		750 (553)	1400					
117 (157)		2000-2200		750 (553)	1400					
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140 (188)		2000-2200		825 (609)	1400					
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				151 (202)	2200	870 (642)	1400			
	1206F-E70TTA		TTA	151 (202)	2200	922 (680)	1400		B	
				168 (225)	2200	1028 (758)	1400			
				186 (249)	2200	1142 (842)	1400			
				205 (275)	2200	1257 (927)	1400			
				225 (302)	2200	1274 (940)	1400			
				225 (302)	2200	1274 (940)	1400			
	1206J-E70TA		TA	129 (173)	1800-2200	842 (621)	1400		C	
				151 (202)	1800-2200	870 (642)	1400			
	1206J-E70TTA		TTA	151 (202)	1800-2200	983 (725)	1400		D	
				168 (225)	1800-2200	1092 (805)	1400			
				186 (249)	1800-2200	1214 (895)	1400			
				205 (275)	2200	1257 (927)	1400			
225 (302)		2200		1282 (946)	1400					
239 (320)		2200		1268 (935)	1400					
9.3	1706J-E93TA	6	TA	250 (335)	1800-2200	1537 (1134)	1400	DOC+DPF+SCR	A	■
				280 (375)	1800-2200	1721 (1269)	1400		B	
				310 (416)	1800-2200	1904 (1404)	1400		C	
				340 (456)	1800-2200	2088 (1540)	1400		D	
12.5	2206J-E13TA	6	TA	287 (385)	1800-2100	1760 (1298)	1400	DOC+DPF+SCR	A	■
				309 (414)	1800-2100	1903 (1404)	1400		B	
				328 (440)	1800-2100	2012 (1484)	1400		C	
				354 (475)	1800-2100	2176 (1605)	1400		D	
				388 (520)	1800-2100	2381 (1756)	1400			
	2406J-E13TA			340 (456)	1800-2100	2087 (1539)	1400		A	
				370 (496)	1800-2100	2271 (1675)	1400		B	
				400 (536)	1800-2100	2456 (1812)	1400		C	
				430 (577)	1800-2100	2640 (1947)	1400		D	
				430 (577)	1800-2100	2640 (1947)	1400			
15.2	2506J-E15TA	6	TA	354 (475)	1800-2100	2176 (1605)	1400	DOC+DPF+SCR	A	■
				403 (540)	1800-2100	2469 (1821)	1400		C	
				433 (581)	1800-2100	2655 (1958)	1400		D	
18.1	2806J-E18TA	6	TA	429 (575)	1800-2000	2695 (1988)	1300	DOC+DPF+SCR	A	■
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Industrial Power Selector

Litres	Model	Cylinders	Aspiration	Power kW (hp)	Rated Speed rpm	Maximum Torque Nm (lb ft)	Maximum Torque Speed rpm	Aftertreatment	Rating Type	Available as a Power Unit
1.5	403D-15T	3	T	23 (31)	2200	112 (83)	1800	-	C	
				25 (34)	2400	112 (83)	1800			
				27 (36)	2600	112 (83)	1800			
				29 (39)	2800	112 (83)	1800			
				30 (40)	3000	105 (77)	1800			
2.2	404D-22	4	NA	31 (42)	2200	143 (105)	1800	-	C	■
				34 (46)	2400	143 (105)	1800			
				36 (48)	2600	143 (105)	1800			
				37 (50)	2800	143 (105)	1800			
	404D-22T		T	32 (43)	2800	163 (120)	1800			
				36 (48)	2800	154 (114)	1800			
4.4	1104D-44T	4	T	75 (101)	2200	392 (289)	1400	-	C	■
	1104D-44TA		TA	83 (111)	2200	418 (308)	1400			
	1104D-E44T		T	75 (101)	2200	420 (310)	1400			
	1104D-E44TA		TA	75 (101)	2200	441 (325)	1400			
				82 (110)	2200	486 (358)	1400			
				87 (117)	2200	516 (381)	1400			
				97 (130)	2200	516 (381)	1400			
	7		1106D-70TA	6	TA	112 (150)	2200			
1106D-E70TA		117 (157)	2200			706 (521)	1400			
		129 (173)	2500			695 (513)	1400			
		159 (213)	2200			932 (687)	1400			
		168 (225)	2200			1028 (758)	1400			
		186 (249)	2200			1050 (774)	1400			
		205 (275)	2200			1050 (774)	1400			
9.3	1706D-E93TA	6	TA	230 (308)	1800-2200	1409 (1039)	1400	-	A	■
				250 (335)	1800-2200	1532 (1130)	1400		B	
				280 (375)	1800-2200	1715 (1265)	1400		C	
				310 (416)	1800-2200	1810 (1335)	1400			
12.5	2206D-E13TA	6	TA	287 (385)	1800-2100	1760 (1298)	1400	-	A	■
				310 (416)	1800-2100	1896 (1398)	1400		B	
				328 (440)	1800-2100	2011 (1483)	1400		C	
				354 (475)	1800-2100	2095 (1545)	1400		D	
				388 (520)	1800-2100	2215 (1634)	1400		E	
15.2	2506D-E15TA	6	TA	328 (440)	1800-2100	2012 (1484)	1400	-	A	■
				354 (475)	1800-2100	2169 (1600)	1400		B	
				403 (540)	1800-2100	2468 (1820)	1400		C	
				444 (595)	1800-2100	2717 (2004)	1400		E	
18.1	2806D-E18TA	6	TA	429 (575)	1800-2100	2627 (1938)	1400	-	A	■
				448 (601)	1800-2100	2742 (2022)	1400		B	
				470 (630)	1800-2100	2769 (2042)	1400		C	
	2806D-E18TTA		TTA	597 (801)	1800-2100	3656 (2697)	1400			

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THE HEART OF EVERY GREAT MACHINE

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Industrial Power Selector

(Equivalent or lower than)

Litres	Model	Cylinders	Aspiration	Power kW (hp)	Rated Speed rpm	Maximum Torque Nm (lb ft)	Maximum Torque Speed rpm	Aftertreatment	Rating Type	Available as a Power Unit
0.51	402D-05	2	NA	8.2 (11)	2800	30 (22)	2100	-	C	
				8.8 (11.8)	3000	30 (22)	2100			
				10.2 (13.7)	3600	30 (22)	2000			
0.76	403D-07	3	NA	13.2 (17.7)	3000	45 (33)	2200	-	C	
				15.3 (21)	3600	45 (33)	2200			
1.1	403D-11	3	NA	14.7 (19.7)	2200	67 (49)	1900	-	C	■
				16.1 (22)	2200	67 (49)	2000			
				17.2 (23)	2600	68 (50)	1800			
				18.5 (25)	2800	68 (50)	1800			
				21 (28)	3400	70 (52)	2300			
1.5	403D-15	3	NA	21 (28)	2200	96 (71)	1800	-	C	■
				22 (30)	2400	96 (71)	1800			
				23 (31)	2600	96 (71)	1800			
				24 (32)	2800	96 (71)	1800			
				25 (34)	3000	96 (71)	1800			
	403D-15T		T	23 (31)	2200	112 (83)	1800			
				25 (34)	2400	112 (83)	1800			
				27 (36)	2600	112 (83)	1800			
				29 (39)	2800	112 (83)	1800			
				30 (40)	3000	112 (83)	1800			
1.7	403J-17	3	NA	18.9 (25)	2800	87 (64)	1800	-	C	
2.2	404D-22	4	NA	31 (42)	2200	143 (105)	1800	-	C	■
				34 (46)	2400	143 (105)	1800			
				36 (48)	2600	143 (105)	1800			
				37 (50)	2800	143 (105)	1800			
				38 (51)	3000	143 (105)	1800			
	404D-22T		T	32 (43)	2800	163 (120)	1800			
				36 (48)	2800	154 (114)	1800			
				43 (58)	2600	189 (139)	1800			
				45 (60)	2800	189 (139)	1800			
				46 (62)	3000	189 (139)	1800			
	404D-22TA		TA	40 (54)	2800	170 (125)	1800			
				46 (62)	2800	195 (144)	1800			
49 (66)		2800		208 (153)	1800					
2.8	Perkins® Syncro 2.8	4	T	55 (74)	2200-2400	265 (195)	1600	-	C	
				55 (74)	2200-2400	300 (221)	1600			
3.3	1103C-33T	3	T	55 (74)	2200	291 (215)	1400	-	C	
	1103D-33		NA	37 (50)	2200	189 (139)	1400			
	1103D-33TA		TA	58 (78)	2200	310 (229)	1400			
3.6	Perkins Syncro 3.6	4	TA	55 (74)	2200-2400	424 (313)	1200	-	C	
				75 (101)	2000-2400	430 (317)	1500			
				82 (110)	2000-2400	450 (332)	1500			
				86 (110)	2000-2400	500 (369)	1500			
				90 (121)	2000-2400	500 (369)	1500			

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4.4	1104A-44	4	NA	64 (86)	2200	293 (216)	1400	-	C	■
	1104A-44T		T	81 (109)	2200	404 (298)	1400			
	1104C-44		NA	64 (86)	2400	302 (223)	1400			
	1104C-44T		T	75 (101)	2300	408 (301)	1400			
	1104C-44TA		TA	97 (130)	2200	500 (369)	1400			
	1104D-44		NA	56 (75)	2200	265 (195)	1700			
	1104D-44T		T	75 (101)	2200	392 (289)	1400			
	1104D-44TA		TA	83 (111)	2200	418 (308)	1400			
	1104D-E44T		T	75 (101)	2200	420 (310)	1400			
	1104D-E44TA		TA	75 (101)	2200	441 (325)	1400			
				82 (110)	2200	486 (358)	1400			
87 (117)		2200		516 (381)	1400					
97 (130)		2200		516 (381)	1400					
106 (142)		2200		558 (412)	1400					
7	1106C-70TA	6	TA	112 (150)	1950	687 (507)	1200	-	C	■
				129 (173)	2200	733 (541)	1400			
				137 (184)	2200	725 (535)	1400			
				145 (194)	2200	755 (557)	1400			
				162 (217)	2200	900 (664)	1400			
9.3	1706D-E93TA	6	TA	230 (308)	1800-2200	1409 (1039)	1400	-	A	■
				250 (335)	1800-2200	1532 (1130)	1400		B	
				280 (375)	1800-2200	1715 (1265)	1400		C	
				310 (416)	1800-2200	1810 (1335)	1400			
12.5	2206D-E13TA	6	TA	287 (385)	1800-2100	1760 (1298)	1400	-	A	■
				310 (416)	1800-2100	1896 (1398)	1400		B	
				328 (440)	1800-2100	2011 (1483)	1400		C	
				354 (475)	1800-2100	2095 (1545)	1400		D	
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15.2	2506D-E15TA	6	TA	328 (440)	1800-2100	2012 (1484)	1400	-	A	■
				354 (475)	1800-2100	2169 (1600)	1400		B	
				403 (540)	1800-2100	2468 (1820)	1400		C	
				433 (581)	1800-2100	2649 (1954)	1400		D	
				444 (595)	1800-2100	2717 (2004)	1400		E	
18.1	2806C-E18TTA	6	TTA	571 (766)	1800-2100	3496 (2579)	1400	-	D	■
				597 (801)	1800-2100	3656 (2697)	1400		E	
	2806D-E18TA	6	TA	429 (575)	1800-2100	2627 (1938)	1400	-	A	
				448 (601)	1800-2100	2742 (2022)	1400		B	
				470 (630)	1800-2100	2769 (2042)	1400		C	
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